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ABSTRACT

Agencies, organizations and foundations offering financial and instructional support for advanced education and research are listed in this directory. A chart indicates, for each program, the level of study (undergraduate, graduate, dissertation, postdoctoral, other), disciplines (unrestricted, life/medical sciences, physical sciences/math, engineering, behavioral/social sciences, humanities, professional fields, others), and eligibility requirements (U.S. citizenship, U.S. permanent residency, unrestricted citizenship, other citizenship, ethnic minorities only, women only). Subsequently, each program is listed, alphabetically by organization, with further information about application, program purpose, requirements and restrictions, number and duration of awards, and award and allowance amounts. An additional list of publications concerning fellowships, scholarships, and student loans is appended. (MSE)

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ED 363 252

A Selected List of
**Fellowship and Other
Support Opportunities
for Advanced Education**
for
United States Citizens and
Foreign Nationals



Prepared Under Contract with the
NATIONAL SCIENCE FOUNDATION
by the Fellowship Office
Office of Scientific & Engineering Personnel
National Research Council
National Academy of Sciences
Washington, D.C.

1993

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for United States Citizens and Foreign Nationals**

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1993

	Undergraduate	Graduate	Dissertation	Postdoctoral	Other Level	Fields Unrestricted	Life/Medical Sciences	Physical Sciences	Engineering	Behavioral/Math	Humanities/Social Sciences	Professional Fields	Other Fields	US Citizenship	US Permanent Resident	Citizenship Unrestricted	Ethnic Minorities Other	Women Only	Page
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	Undergraduate	Graduate	Dissertation	Postdoctoral	Other Level	Fields Unrestricted	Life/Medical Sciences	Physical Sciences	Engineering	Behavioral/Social/Math	Humanities	Professional Sciences	Other Fields	US Citizenship	US Permanent Resident	Citizenship Unrestricted	Ethnic Minorities, Other	Women Only	Page
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	Undergraduate	Graduate	Dissertation	Postdoctoral	Other Level	*Fields Unrestricted	Life/Medical Sciences	Physical Sciences	Engineering	Behavioral/Social/Math	Humanities	Professional Sciences	Other Fields	US Citizenship	US Permanent Resident	Citizenship Unrestricted	Ethnic Minorities, Other	Women Only	Page
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4. Traineeships in Oceanography for
Minority Undergraduates

World Health Organization (WHO)
WHO Fellowships

Zonta International
Amelia Earhart Fellowship Awards

Undergraduate	Graduate	Dissertation	Postdoctoral	Other Level	Fields Unrestricted	Life/Medical Sciences	Physical Sciences	Engineering	Humanities	Professional Fields	Other Fields	US Citizenship	US Permanent Resident	Citizenship Unrestricted	Ethnic Minorities Only	Women Only	Page
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ALCOHOL, DRUG ABUSE, AND MENTAL HEALTH ADMINISTRATION

Address for application information:

Alcohol, Drug Abuse, and Mental Health Administration

Grants Management Branch

5600 Fishers Lane

Rockville, Maryland 20857

1. Individual Predoctoral National Research Service Awards for MD/PhD Fellows

Purpose of Program: Intended for students who are enrolled in an academic program which leads to a combined MD/PhD degree.

Citizenship: United States or permanent resident

Level: Graduate

Field(s) Supported: The following areas as they relate to alcohol-derived, drug abuse, or mental health/mental illness: 1) basic processes; 2) incidence and prevalence; 3) etiology, description, diagnosis, and pathogenesis; 4) treatment development, assessment, and evaluation; 5) public health/prevention.

Duration of awards: up to 6 years

Number of Awards: 13 new awards in 1991

Deadline: September 10

Stipend for 1993-94: \$12,000

Allowances and amounts: Tuition for both medical and graduate training in addition to a \$2,000 institutional allowance.

2. National Research Service Awards for Individual Fellows [Awards funded by National Institute on Alcohol Abuse and Alcoholism (NIAAA), National Institute on Drug Abuse (NIDA), and National Institute of Mental Health (NIMH)]

Purpose of program: To provide support to individuals for research training in specified areas of biomedical and behavioral research to help ensure that highly trained scientists will be available in adequate numbers and in the appropriate research areas and fields to meet the nation's alcohol, drug abuse, and mental health research needs.

Citizenship: United States

Level: Predoctoral, postdoctoral

Field(s) supported: The following areas as they relate to alcohol-derived, drug abuse, or mental health/mental illness: 1) basic processes; 2) incidence and prevalence; 3) etiology, description, diagnosis, and pathogenesis; 4) treatment development, assessment, and evaluation; 5) public health/prevention.

Other requirements: Predoctoral: Completion of two or more years of graduate work and enrollment in a doctoral degree program by the beginning date of the fellowship; Postdoctoral: Receipt of a PhD, MD, ScD, PsyD, or equivalent degree as of the beginning date of the fellowship. Certification by

an authorization official of the degree-granting institution that all requirements have been met is also acceptable.

Duration of awards: 2 to 3 years

Number of Awards: 97 new Predoctoral awards in 1991; 54 new Postdoctoral awards in 1991.

Application deadline: January 10, May 10, September 10

Stipend for 1993-94: Predoctoral--\$12,000; Postdoctoral--\$19,214 to \$33,366

Allowances and amounts: Institutional allowance: \$3,000 Predoctoral sponsored by non-Federal institution; \$3,000 Postdoctoral sponsored by non-Federal institution; \$2,000 for Postdoctoral sponsored by a Federal laboratory.

AMERICAN ASSOCIATION OF UNIVERSITY WOMEN EDUCATIONAL FOUNDATION

Address for application information:

American Association of University Women Educational Foundation

1111 16th Street, N.W.

Washington, D.C. 20036

1. American Fellowships

Purpose of program: To award fellowships to women who have achieved distinction or show promise of distinction in their fields.

Citizenship: United States citizens or permanent residents

a. Postdoctoral Fellowships

Level: For women who hold the doctorate at the time of application.

Field(s) supported: Unrestricted

Other requirements: Preference is given to women who have held the doctorate at least three years.

Number of awards: 9 (1 designated for an under-represented minority)

Duration of awards: 12 months: July 1-June 30

Application deadline: November 15

Stipend for 1993-94: \$20,000-\$25,000

Allowances and amounts: None

b. Dissertation Fellowships

Level: Applicants must have completed all course work, passed all preliminary exams, and have their dissertation research proposal (or plan) approved by November 15. Applicants are expected to receive a doctoral degree at the end of the fellowship year.

Field(s) supported: All fields of study except engineering. (Engineering applicants see Selected Professional Fellowship.)

Other requirements: Students holding a fellowship for the purpose of writing a dissertation the year before the AAUW Fellowship year are not eligible.

Number of awards: 50

Duration of awards: 12 months: July 1-June 30

Application deadline: November 15

Stipend for 1993-94: \$13,500

Allowances and amounts: None

2. Selected Professional Fellowships

Purpose: To provide awards to women for the final year of graduate study in fields where women's participation has traditionally been low.

Citizenship: United States citizens or permanent residents

Level: Final year of graduate study

Field(s) and other requirements: Focus professions fellowships are limited to women from minorities historically underrepresented in business administration (MBA, two-year programs only), law (JD), and medicine (MD) (DO). Science/technology fellowships are available for the final year of a master's degree in architecture, computer/information science, engineering, and mathematics/statistics. Also available are dissertation fellowships for doctoral candidates in engineering who will complete all required course work and have passed all preliminary exams by November 15. It is expected that fellows will receive their doctoral degrees at the end of the fellowship year.

Number of awards: 40

Duration of awards: September 1-June 30 for focus professions and science/technology groups; July 1-June 30 for engineering dissertation fellowships.

Application deadline: December 15 for all applicants except MBA category, which is February 1, and engineering dissertation category, which is November 15.

Stipend for 1993-94: \$5,000-\$9,500; \$13,500 for engineering. **Allowances and amounts:** None

3. International Fellowships

Purpose of program: To award International Fellowships for full-time graduate or postgraduate study or research in the United States to women of outstanding ability who are not citizens or permanent residents of the United States.

Citizenship: Citizens of countries other than the United States.

Level: Graduate: applicant must have earned an academic degree equivalent to the U.S. bachelor's degree at the time of application.

Field(s) supported: Unrestricted

Other requirements: 1) a specific plan of study or research that will advance the applicant's professional competence; 2) upon completion of studies, fellows must return to their home countries to pursue a professional career; preference will be given to applicants who can verify that a definite position awaits them; 3) intention of applicant to devote full time to her graduate work during the fellowship year; 4) satisfactory English proficiency (for study in the U.S.) unless applicant's native language is English or she is presently enrolled in a university in the United States, she must submit

a recent score on one of the following tests of English: Test of English as a Foreign Language (TOEFL), University of Michigan Examination for Proficiency in English, or American Language Institute, Georgetown University (ALIGU) Examination. Preference is given to women residing in their home countries at the time of application and women whose credentials prove prior commitment to the advancement of women and girls through civic, community, or professional work.

Number of awards: Approximately 40 International Fellowships are awarded for graduate study or advanced research at an approved institution in the U.S. Women who are members in their own countries of national associations or federations affiliated with the International Federation of University Women are eligible for six AAUW-IFUW awards, which are made for advanced research in any country other than the Fellow's own.

Duration of awards: September 1-May 31

Application deadline: December 1

Stipend for 1993-94: \$14,000; no provision for travel.

Allowances and amounts: None

AMERICAN CANCER SOCIETY

Address for application information:

American Cancer Society
Research Department
1599 Clifton Road
Atlanta, Georgia 30329

1. Postdoctoral Fellowships

Purpose of program: To allow young investigators to qualify for an independent career in research.

Citizenship: United States citizens or permanent residents of the U.S. who have legally declared intent to become citizens.

Level: Postdoctoral

Field(s) supported: Biomedical fields related to the problems of neoplasia.

Number of awards: 83 funded for fiscal year 1991.

Duration of awards: 1-3 years

Application deadline: March 1 and October 1

Stipend for 1993-94: \$22,000, \$24,000 and \$26,000 for the first, second and third years respectively.

Allowances and amounts: When requested in the application, an award may include: 1) the cost of the Fellow's travel (equal to tourist air fare or up to a maximum of 20¢ per mile by privately owned auto) to the site of training (and return, if overseas); 2) an institutional allowance in any amount up to \$2,000 per year to help defray costs incurred by the institution in which the Fellow's training is pursued.

2. Physicians Research Training Award

Purpose of program: To provide research training for physicians to bring them to the level of competence of a PhD.

Citizenship: Same as for Postdoctoral Fellowships above

Level: Postdoctoral

Field(s) supported: Biomedical fields related to the problem of neoplasia

Number of awards: 10

Duration of awards: 1-3 years

Application deadline: March 1 and October 1

Stipend for 1993-94: \$40,000, \$42,000 and \$44,000

Allowances and amounts: Same as the Postdoctoral Fellowships above

AMERICAN COUNCIL OF LEARNED SOCIETIES

Address for application information:

Office of Fellowships and Grants/ACLS

228 East 45th Street

New York, New York 10017-3398

1. Grants for East European Studies

Purpose of program: To support advanced training and research on East Europe

Citizenship: United States citizens or permanent residents

Level: Graduate, postdoctoral

Field(s) supported: East European studies; all disciplines of the humanities and social sciences

Other requirements: Research must be conducted primarily outside the countries of East Europe (Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Romania, and Yugoslavia).

Number of awards: 25

Duration of awards: 6-12 months postdoctoral, 1 year graduate

Application deadline: December 1, 1992

Stipend for 1993-94: Postdoctoral up to \$30,000; Graduate up to \$15,000, plus expenses

2. Fellowships

Purpose of program: To support postdoctoral research in all disciplines of the humanities and the humanities-related social sciences.

Citizenship: United States or permanent residents of the U.S.

Level: Postdoctoral

Field(s) supported: Philosophy; aesthetics; philology, languages, literature, and linguistics; archaeology; art history and musicology; history (including history of science, law, and religions); cultural anthropology; folklore; and economics, geography, political science, psychology, sociology and the natural sciences when the project brings to bear a predominantly humanistic emphasis.

Number of awards: 45

Duration of awards: 2 months to 1 year

Application deadline: September 30

Stipend for 1993-94: \$20,000 maximum

3. Grants for Chinese Studies

Fellowships for Postdoctoral Research and Fellowships for Dissertation Research Abroad

Purpose of program: To support advanced training and research in Chinese area studies

Citizenship: No restrictions, but postdoctoral applicants must be resident in U.S. at least 2 years; predoctoral applicants must be enrolled full-time in a U.S. university.

Level: Graduate, postdoctoral

Field(s) supported: Chinese area studies; all disciplines of humanities and social sciences.

Other requirements: These programs are not intended to support research within the Peoples Republic of China.

Number of awards: 15 per year

Duration of awards: 6 to 12 months

Application deadline: December 1, 1992

Stipend for 1993-94: Postdoctoral up to \$25,000; Dissertation up to \$20,000

AMERICAN FOUNDATION FOR PHARMACEUTICAL EDUCATION (AFPE)

Address for application information:

American Foundation for Pharmaceutical Education (AFPE)

618 Somerset Street

P.O. Box 7126

North Plainfield, New Jersey 07060

1. AFPE Graduate Fellowships

Purpose of program: To provide future leaders for the pharmacy profession.

Citizenship: United States

Level: Graduate, postdoctoral

Field(s) supported: Pharmaceutical sciences

Other requirements: Students must be enrolled in pharmacy school graduate programs.

Number of awards: 88

Duration of awards: 1 year, with possibility of renewal for 2 more years.

Application deadline: March 1

Stipend for 1993-94: \$6,000, \$7,500, or \$16,000

2. "Springboard to Teaching" Fellowship

Purpose of program: To encourage pharmacy graduate students nearing the completion of their PhD to consider a teaching career in a college of pharmacy.

Citizenship: United States citizens or permanent residents

Level: Award provides up to \$7,500 to students for their last year of graduate study toward the PhD, and then \$15,000 over a two-year period for a research project when they accept a teaching appointment in a pharmacy college.

Field(s) supported: Pharmaceutical sciences
Other requirements: Students should be completing studies for the PhD during the academic year following the award announcement; should have a strong desire to teach in a pharmacy college.

Number of awards: 7

Duration of awards: 3 years (last year of graduate study and two-year period for a research project once a teaching appointment in a pharmacy college has been accepted).

Application deadline: March 1

Stipend for 1993-94: See above.

AMERICAN GEOLOGICAL INSTITUTE

Address for application information:

Minority Geoscience Scholarships

American Geological Institute

4220 King Street

Alexandria, Virginia 22302-1507

Title of program: Minority Participation Scholarship Program

Purpose of program: To give financial assistance to prospective geoscience students currently underrepresented in the geoscience profession.

Citizenship: United States

Eligible ethnic minority groups: Black Americans, Hispanic Americans, Native Americans (American Indian, Eskimo, Samoan or Hawaiian)

Level: Undergraduate, graduate

Field(s) supported: Geology, geophysics, geochemistry, hydrology, physical oceanography, meteorology, planetary geology, and earth-science education

Other requirements: Applicants are judged on their potential for professional success. Selections are based on academic excellence and financial need.

Number of awards: 80

Duration of awards: 1 year (renewable)

Application deadline: February 1

Stipend for 1993-94: \$500 - \$10,000

AMERICAN HEART ASSOCIATION

Address for application information:

American Heart Association

Division of Research Administration

7272 Greenville Avenue

Dallas, Texas 75231-4596

1. Established Investigator

Purpose of program: To assist promising physicians and scientists to develop independent research careers in academic medicine and biology.

Citizenship: United States citizenship or U.S. permanent visa

Level: Postdoctoral

Field(s) supported: Cardiovascular functions and

disease, and stroke.

Number of awards: Variable

Duration of awards: 5 years

Application deadline: June 1

Stipend for 1993-94: \$45,000

Allowances and amounts: Fringe benefits; institutional supplementation permitted.

2. Clinician Scientist Award

Purpose of program: To encourage promising clinically trained physicians to undertake careers in investigative science.

Citizenship: United States citizenship or U.S. permanent visa

Level: Postdoctoral

Field(s) supported: Cardiovascular functions and disease, and stroke.

Other requirements: 1) MDs, or persons holding equivalent medical degrees, having a minimum of 3 years post-MD clinical training; 2) MD/PhD graduates with clinical training but lacking relevant research training.

Number of awards: Variable

Duration of awards: 3 years; possible 2-year extension for initiation of investigative careers.

Application deadline: June 1

Stipend for 1993-94: \$40,000-\$44,000

Allowances and amounts: Fringe benefits; institutional supplementation permitted.

3. Medical Student Research Fellowship

Purpose of Program: Institutional award to encourage medical students to engage in full-time research training for one or more years prior to graduation.

Citizenship: United States citizenship or U.S. permanent visa

Level: Graduate

Field(s) Supported: Cardiovascular functions and disease, and stroke.

Other Requirements: This is an institutional award for accredited medical schools; only one application per medical school to support a maximum of six fellows; students already enrolled in an MD/PhD degree program are not eligible.

Duration of awards: up to 3 years

Application deadline: June 1

Stipend for 1993-94: \$12,000

Allowances and amounts: \$1,800 per year for trainee-related expenses.

4. Minority Scientist Development Award

Purpose of program: To assist promising scientists who are members of ethnic groups underrepresented in the field of cardiovascular research to develop independent research programs; provides research training in highly qualified preceptor's laboratory for two years.

Citizenship: United States citizenship or U.S. permanent visa

Eligible ethnic minority groups: Black, Hispanic, Native American, and Pacific Islander

Level: Postdoctoral

Field(s) supported: Cardiovascular functions and disease, and stroke.

Other requirements: Ordinarily 2-5 years relevant postdoctoral research required at award activation. Junior and clinical faculty seeking basic research training may apply.

Number of awards: Variable

Duration: 5 years

Application deadline: June 1

Stipend for 1993-94: \$40,000-\$44,000

5. International Research Fellowship

Purpose of program: A postdoctoral research training program in the U.S. and foreign research centers for individuals who are building cardiovascular research careers but who are not yet independent.

Citizenship: United States citizens or permanent residents

Level: Postdoctoral

Field(s) supported: Cardiovascular functions and disease, and stroke.

Other requirements: Applicant must hold an MD, DO, PhD or equivalent domestic or foreign degree at time of award activation.

Number of awards: Variable

Duration of award: 1 year with option to extend for an additional year.

Application deadline: June 1

Stipend for 1993-94: \$25,000

AMERICAN INDIAN GRADUATE CENTER

Address for application information:

American Indian Graduate Center
4520 Montgomery Boulevard, N.E., Suite 1-B
Albuquerque, New Mexico 87109

Title of program: American Indian Graduate Center (AIGC)

Purpose of program: The mission of AIGC is to enhance the cultural and economic well-being of American Indians and Alaska Natives through graduate education grants and services.

Citizenship: United States

Eligible ethnic minority groups: American Indians and Alaska Natives

Level: Graduate

Field(s) supported: All fields of graduate study offering a master's or doctoral degree.

Other requirements: Applicants must be: 1) a member of a federally-recognized American Indian tribe or Alaska Native group in the U.S.; 2) attending a college/university accredited by a nationally-recognized accrediting association; 3) admitted into a master's or doctoral degree program as a full-time graduate student; and 4) in need of financial

aid.

Number of awards: 1991-92: 425 awardees

Duration of awards: Master's: 2 years; Doctorates: 4 years; Law: 3 years and must apply each year.

Application deadline: Summer: April 15; Academic Year: June 1

Stipend for 1993-94: Not yet known.

Allowances and amounts: AIGC awards are based on a percentage of each awardee's unmet financial need, and awards are not for any specific need but for the awardees' college and personal costs as itemized by the college financial aid office.

AMERICAN INSTITUTE OF ARCHITECTS

Address for application information:

American Architectural Foundation
Scholarship Programs
1735 New York Avenue, N.W.
Washington, D.C. 20006

1. AIA/AAF Scholarship Program for Professional Degree Candidates

Purpose of program: For students who are currently (a) in the 3rd or 4th year of a five-year program that results in a BArch or equivalent; (b) in the 4th or 5th year of a six-year program that results in an MArch or equivalent; or (c) in the 2nd or 3rd year of a three-to-four-year program that results in an MArch and whose undergraduate degrees are in disciplines other than architecture.

Citizenship: Unrestricted

Level: Undergraduate, graduate

Field(s) supported: Architecture

Other requirements: All candidates must be students in, or applicants to, schools accredited by the National Architectural Accrediting Board or recognized by the Royal Architectural Institute of Canada. Each school must screen its students to select those who will receive an application. Awards will be based on a statement of goals, strong academic performance, recommendations, and need.

Number of awards: Multiple

Duration of awards: 1 year

Application deadline: February 1

Stipend for 1992-93: \$500 to \$2,500 (\$230,000 distributed among 220 awardees for 1992-93 academic year)

2. AIA/AAF Scholarship for Advanced Study and Research

Purpose of program: To provide financial assistance to practitioners, interns, or educators who wish to pursue an advanced degree or conduct research under the auspices of a U.S. university

Citizenship: Unrestricted

Level: Graduate

Field(s) supported: Architecture and related disciplines

Other requirements: A professional degree in architecture is required. Awards will be based on the merit of the proposed program for study or research.

Number of awards: Variable; 10 in 1992-93

Duration of awards: 1 time/1 year

Application deadline: February 15

Stipend for 1992-93: \$1,000 to \$2,500 (\$20,000 distributed among 10 awardees for 1992-93 academic year)

3. Minority/Disadvantaged Scholarships Program

Purpose of program: To provide scholarship opportunities to students from minority and/or disadvantaged backgrounds in their attainment of a professional degree in architecture. The program provides financial assistance to high school graduates entering degree programs at schools of architecture approved by the National Architectural Accrediting Board (NAAB).

Citizenship: United States citizens or permanent residents

Level: Undergraduate

Eligible ethnic minority groups: American Indian, Black/African American, Hispanic, and others from disadvantaged backgrounds

Field(s) supported: Architecture

Other requirements: High school seniors, technical school/junior college students transferring to an NAAB school of architecture, and college freshmen who are entering a program leading to a professional degree (BArch or MArch) are eligible to apply. Candidates must be nominated by one of the following: An individual architect or firm, an AIA chapter, a community design center, a guidance counselor or teacher, the dean, department head, or professor from an accredited school of architecture, or the director of a community, civic, or religious organization.

Number of awards: Approximately 20 annually

Duration of awards: 1 year. Awards may be renewed for 2 additional years (total of 3) if recipient remains in an accredited school of architecture, has a continued financial need, and adheres to all program requirements.

Application deadline: December 1 for nominations; January 15 for applications.

Stipend: Varies according to need; not intended to cover total cost of education.

AMERICAN INSTITUTE OF INDIAN STUDIES

Address for application information:

American Institute of Indian Studies
1130 East 59th Street
Chicago, Illinois 60637

Purpose of Program: To support the advancement

of knowledge and understanding of India, its people and culture, primarily through research conducted in that country by American scholars.

Citizenship: United States and resident aliens of the U.S.

Level: Postdoctoral, graduate

Field(s) Supported: All fields relating to India

Other Requirements: Each of the fellowships (Senior Research, Short-Term, Fellowships for Scholarly Development, Junior Fellowships, Translation Projects, and Performing Arts) has its own stipulations.

Number of awards: Varies according to the amount of support the Institute receives each year.

Duration of awards: Varies

Application deadline: July 1

Stipend for 1993-94: Varies

AMERICAN LUNG ASSOCIATION

Address for application information:

American Lung Association
Medical Affairs Division
1740 Broadway

New York, New York 10019-4374

Overall purpose of the following awards: To assist in the conquest of lung disease, the promotion of lung health and the development of academic scientists.

1. Research Training Fellowships

Purpose of program: To train individuals who have demonstrated a commitment to a career in investigative or academic medicine relevant to lung disease.

Citizenship: United States citizens and holders of U.S. permanent visas training in the U.S.; Canadian citizens eligible if training in U.S. schools.

Level: Postdoctoral

Field(s) supported: Fields related to prevention and control of lung disease.

Other requirements: MD, DO, PhD or ScD degree, or comparable qualifications

Number of awards: Variable

Duration of awards: 1 year; may be renewed for an additional year.

Application deadline: October 1

Stipend for 1993-94: \$32,500

2. Pediatric Pulmonary Research Fellowships

Purpose of program: To focus on the development of academic pulmonary physicians in pediatrics.

Citizenship: United States citizens and holders of U.S. permanent visas training in the U.S.; Canadian citizens eligible if training in U.S. schools.

Level: Postdoctoral

Field(s) supported: Fields related to prevention and control of lung disease.

Other requirements: During the fellowship, major attention must be placed on research training,

although one-third of the training time may be devoted to clinical activities.

Number of awards: Variable

Duration of awards: 1 year; may be renewed for an additional year.

Application deadline: October 1

Stipend for 1993-94: \$32,500

3. Nursing Research Training Awards

Purpose of program: To stimulate the training of professional nurses in fields related to lung health.

Citizenship: United States citizens and holders of U.S. permanent visas training in the U.S.; Canadian citizens eligible if training in U.S. schools.

Level: Doctoral

Field(s) supported: Fields related to prevention and control of lung disease.

Other requirements: Must be professional nurses holding masters degrees who are matriculated in full-time doctoral programs with a focus relevant to lung disease. Priority will be given to individuals who will pursue an academic career.

Number of awards: Variable

Duration of awards: 1 year; may be renewed for an additional year.

Application deadline: October 1

Stipend for 1993-94: Up to \$11,000 per year

4. Behavioral Science Dissertation Grants

Purpose of program: To stimulate training at the doctoral level in fields of science related to social, behavioral, epidemiological, psychological, and educational aspects of lung health.

Citizenship: United States citizens and holders of U.S. permanent visas training in the U.S.; Canadian citizens eligible if training in U.S. schools.

Level: Dissertation

Field(s) supported: Science fields related to the social, behavioral, epidemiologic, psychological and educational aspects of lung health.

Other requirements: Applicants must be matriculating in a full-time doctoral program with an academic career focus.

Number of awards: Variable

Duration of awards: May be renewed for a total of three years.

Application deadline: October 1

Stipend for 1993-94: Up to \$21,000 per year (maximum of \$16,000 for stipend and \$5,000 for research support).

THE AMERICAN MUSEUM OF NATURAL HISTORY

Address for application information:

Office of Grants and Fellowships
American Museum of Natural History
New York, New York 10024

1. Fellowship Program

Purpose of program: To provide opportunity for

postdoctoral researchers to conduct independent study on some aspect of the Museum's natural history collections.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Anthropology, mineral sciences, vertebrate and invertebrate zoology and paleontology

Number of awards: 12 per year

Duration of awards: 1 year

Application deadline: January 15

Stipend for 1993-94: \$21,000

Allowances and amounts: Relocation allowance; research expenses and publication costs

2. Theodore Roosevelt Memorial Fund

Purpose of program: To provide modest grants to graduate students and those who have recently received their doctorate to study North American fauna.

Citizenship: Unrestricted

Level: Undergraduate, graduate, and postdoctoral (up to 5 years after PhD)

Field(s) supported: Fields related to North American fauna

Other requirements: This grant supports research, not tuition.

Number of awards: 79 in 1992

Duration of awards: 1 year or field season

Application deadline: February 15

Allowances and amounts: Range of funding: \$200-\$1,000; average award: \$650

3. Lerner-Gray Fund for Marine Research

Purpose of program: To provide modest grants to graduate students and those who have recently received their doctorate to study marine zoology anywhere in the world.

Citizenship: Unrestricted

Level: Graduate, postdoctoral (up to 5 years after PhD)

Field(s) supported: Fields related to marine zoology, except botany

Other requirements: This grant supports research, not tuition.

Number of awards: 88 in 1992

Duration of awards: 1 year

Application deadline: March 15

Allowances and amounts: Range of funding: \$200-\$1,000; average award: \$725.

4. Frank Chapman Memorial Fund

Purpose of program: To provide modest grants to graduate students and those who have recently received their doctorate to study ornithology.

Citizenship: Unrestricted

Level: Undergraduate, graduate, postdoctoral

Field(s) supported: Ornithology

Other requirements: This grant supports research, not tuition.

Number of awards: 65 in 1992
Duration of awards: Approximately 1 year
Application deadline: January 15
Allowances and amounts: Range of funding: \$200-\$1,000; average award: \$600.

THE AMERICAN PHYSICAL SOCIETY

Address for application information:

The American Physical Society

335 E. 45th Street

New York, New York 10017-3483

Title of program: Corporate Sponsored Scholarships for Minority Undergraduate Students in Physics

Purpose of program: To increase significantly the level of minority participation in physics in this country.

Citizenship: United States

Eligible ethnic minority groups: Black, Hispanic or Native American

Level: Undergraduate

Field(s) supported: Physics

Other requirements: High school senior, college freshman or sophomore who is majoring in physics or plans to do so.

Number of awards: 15-20

Duration of awards: One year, with possible renewal for a second year, based on academic performance and approval of APS Selection Committee, school and corporate sponsor.

Application deadline: February 25

Stipend for 1993-94: \$2,000

Allowances and amounts: \$500 to physics department of institution which hosts one or more APS minority undergraduate scholars.

AMERICAN PSYCHOLOGICAL ASSOCIATION

Address for application information:

American Psychological Association

750 First Street, N.E.

Washington, D.C. 20002

1. Minority Fellowship Program

Purpose of program: Designed to have impact at multiple levels on the status of ethnic and racial minorities in provision and receipt of psychological services and the formulation and conduct of psychological research.

Citizenship: United States citizenship or U.S. permanent residents

Eligible ethnic minority groups: American Indian/Alaskan Native, Asian, Black/African American, Hispanic, Pacific Islander

Level: Graduate

Field(s) supported: Clinical psychology, counseling psychology, school psychology, experimental

psychology

Other requirements: 1) Acceptance into PhD (or PsyD) program in psychology; 2) an expressed commitment to research, delivery of clinical services, and involvement in minority issues in mental health and behavioral sciences.

Number of awards: 30

Duration of awards: 3 years with yearly evaluation

Application deadline: January 15

Stipend for 1993-94: \$8,800

Allowances and amounts: Awards are granted on a cost-sharing arrangement with graduate departments to cover tuition, allowance for books and materials, a living maintenance stipend and other related expenses.

2. Doctoral Traineeships in Neuroscience

(Funded by the National Institute of Mental Health)

Purpose of program: To increase the number of ethnic and racial minorities who complete the doctorate in neuroscience, and to increase the representation of ethnic and racial minorities in the neuroscience community who conduct research in areas identified as important by the NIMH, including basic brain research related to normal and abnormal functioning and behavior.

Citizenship: U.S. citizenship or U.S. permanent residents

Eligible ethnic minority groups: Including but not limited to Black/African Americans, Latinos, American Indians, Alaskan Natives, Asian Americans, and Pacific Islanders.

Level: Graduate

Field(s) supported: Developmental neurobiology, molecular neurobiology, membrane biophysics, neuroanatomy, neuroimmunology, neuropharmacology, neuropathology, neurotoxicology, neurophysiology, psychobiology.

Other requirements: Applicants must: 1) be enrolled in a full-time doctoral program, listed in Neuroscience Training Programs in North America, or a program approved by the APA Minority Fellowship Program in Neuroscience Advisory Committee; 2) be pursuing careers as research scientists.

Duration of awards: Up to a maximum of three years

Application deadline: January 15

Stipend for 1993-94: \$8,800

Allowances and amounts: Amounts vary, depending on Federal allocations and on the cost-sharing arrangements with universities to cover tuition, allowances, etc.

THE AMERICAN-SCANDINAVIAN FOUNDATION

1. ASF Awards for Scandinavians

Address for application information:

Denmark-Amerika Fondet, Dr. Tvaergade 44, 1302 Copenhagen K, Denmark; Suomi-Amerika Yhdistysten Liitto, Mechelininkatu 10, SF-00100 Helsinki, Finland; Islenzk-Amerika Felagid, P.O. Box 7051, Reykjavik, Iceland; Norse-Amerika Foreningen, Drammensveien 20 C, 0255 Oslo 2, Norway; Sverige-Amerika Stiftelsen, Box 5280, S-102 46, Stockholm, Sweden

Purpose of program: To encourage advanced study and research in the United States; to promote cultural appreciation.

Citizenship: Citizens of Denmark, Finland, Iceland, Norway, Sweden

Level: Graduate, postdoctoral

Field(s) supported: Those which can be pursued with special merit in the United States.

Other requirements: Consult cooperating organizations (see above)

Number of awards: 70-75

Duration of awards: Usually one full year, but may vary from several weeks to 6-12 months.

Application deadline: Consult cooperating organizations (see above).

Stipend for 1992-93: \$2,500 to \$15,000

2. Fellowships and Grants for Study in Scandinavia**Address for application information:**

Exchange Division

The American-Scandinavian Foundation

725 Park Avenue

New York, New York 10021

Purpose of program: To encourage advanced study and research; to promote cultural appreciation.

Citizenship: United States citizens or U.S. permanent residents

Level: Graduate, postdoctoral

Field(s) supported: Generally unrestricted, but implicit is the special merit of pursuing the program in Scandinavia; beginning studies in any subject are not supported.

Number of awards: 35-40

Duration of awards: Several weeks to one full year.

Application deadline: November 1 for fully-completed applications

Stipend for 1992-93: \$2,500 to \$15,000

AMERICAN SOCIOLOGICAL ASSOCIATION

(Funding provided by National Institute of Mental Health)

Address for application information:

Minority Fellowship Program

American Sociological Association

1722 N Street, N.W.

Washington, D.C. 20036

Title of program: Research Doctoral Fellowships

in Sociology

Purpose of program: To contribute to the development of sociology by recruiting persons who will add differing orientations and creativity to the field. Prospective and current graduate students with interests in the sociology of mental health/illness will be selected for these awards.

Citizenship: United States citizens and permanent residents

Eligible ethnic minority groups: Including but not limited to persons who are Black, Latino/Hispanic (Chicano, Cuban, Puerto Rican), American Indian, Asian American (Chinese, Japanese, Korean) and Pacific Islanders (Hawaiian, Guamanian, Samoan, Filipino).

Level: Graduate

Field(s) supported: Sociology and mental health related issues. Applicants should have a clear mental health focus and preferably, but not necessarily, be studying at a university with training programs in mental health and related issues.

Other eligibility requirements: Upon completion of degree, fellows are required to engage in behavioral research and/or training for a period equal to the length of support beyond 12 months.

Number of awards: Approximately 10

Duration of awards: Up to 3 years

Application deadline: December 31

Stipend for 1993-94: \$8,000

Allowances and amounts: Arrangements for the payment of tuition will be made with the university or department.

ARTHRITIS FOUNDATION**Address for application information:**

Research Department

Arthritis Foundation

1314 Spring Street, N.W.

Atlanta, Georgia 30309

1. Postdoctoral Fellowship

Purpose of program: To encourage qualified physicians and scientists to embark on careers in research broadly related to the understanding of arthritis and the rheumatic diseases.

Citizenship: Unrestricted

Level: Postdoctoral

Fields supported: Relevant biomedical fields

Other requirements: No more than 6 years of laboratory experience for MD's; no more than 4 years of post-degree experience for PhD's. Individuals at or above the assistant professor level, or those who have a tenured position are ineligible to apply.

Number of awards: 25 new awards in 1992-93

Duration of awards: 2 years with possible renewal for third year

Application deadline: September 1

Stipend for 1992-93: \$18,500 - \$32,500

Allowances and amounts: \$500 institutional grant for travel, research expenses, etc.

2. Arthritis Investigator Award

Purpose of program: To provide support to physicians and scientists in research broadly related to arthritis for the period between completion of postdoctoral training and establishment of independence.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Medical and basic biomedical research

Other requirements: Minimum of 3 years, maximum of 7 years postdoctoral research experience.

Number of awards: 20 new awards in 1992-93

Duration of awards: 2 years with possible renewal for third year

Application deadline: September 1

Stipend for 1992-93: \$49,000 which can be used for salary or research expenses, or both.

Allowances and amounts: \$1,000 institutional grant for travel, research expenses, insurance, etc.

3. Doctoral Dissertation Awards for Arthritis Health Professionals

Purpose of program: To advance the research training of arthritis health professionals in investigative or clinical teaching careers as they relate to the rheumatic diseases.

Citizenship: Unrestricted

Level: Graduate

Field(s) supported: Research project related to arthritis management and/or comprehensive patient care in rheumatology practice, research, or education. Suitable studies include: functional, behavioral, nutritional, occupational, or epidemiological aspects of patient care and management.

Other requirements: Membership or eligibility for membership in his/her professional organization. Dissertation project preferred.

Number of awards: 2 in 1992-93

Duration of awards: One or two years

Application deadline: September 1

Stipend for 1992-93: \$10,000

4. New Investigator Grant for Arthritis Health Professions

Purpose of program: To encourage PhD level professionals who have research expertise to design and carry out innovative research projects related to the rheumatic diseases.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Arthritis management and/or comprehensive patient care in rheumatology practice, research, or education.

Other requirements: Must have received PhD or equivalent doctoral degree within the last 5 years; demonstrated research experience.

Number of awards: Usually 3

Duration of awards: One or two years

Application deadline: September 1

Stipend for 1992-93: \$25,000

5. Arthritis Biomedical Science Grant

Purpose of program: To encourage and support high quality, original biomedical research closely related to understanding the etiology, pathogenic mechanisms, and control of arthritis and related rheumatic diseases in adults and children.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Medical and biomedical research

Other requirements: MD, PhD or equivalent. Must be assistant professor level or higher at any non-profit institution.

Number of awards: 10 in 1992-93

Duration of awards: 1 to 3 years

Application deadline: September 1

Stipend for 1992-93: \$75,000

6. Arthritis Clinical Science Grant

Purpose of program: To encourage and support high quality original research on problems closely related to diagnosis, prognosis, management, and health care delivery and epidemiology of adults and children with arthritis and related rheumatic diseases.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Clinical research

Other requirements: Open to physicians and arthritis health professionals with doctoral degrees associated with any nonprofit U.S. institution. At least one physician with expertise in the disease area being studied should be closely associated with the project.

Number of awards: 1 to 3 (2 in 1992-93)

Duration of awards: 1 to 3 years

Application deadline: September 1

Stipend for 1992-93: \$75,000

7. Physician Scientist Development Award

Purpose of program: To encourage qualified physicians without significant prior research experience to embark on careers in biomedical and/or clinical research related to the understanding of arthritis and the rheumatic diseases.

Citizenship: Unrestricted

Level: Postdoctoral

Other requirements: Designed for applicants with an MD, DO or equivalent degree within the past seven years who have completed training in internal medicine, pediatrics or orthopedics, and will have completed one year of specialty training in rheumatology or a residency in orthopedics surgery as of beginning of award tenure. PhDs are not eligible.

Number of awards: Approximately 5

Duration of awards: 2 years, may be renewed for 3rd year

Application deadline: September 1

Stipend for 1993-94: \$27,000 - \$32,000

Allowances and amounts: \$500 institutional grant

ASSOCIATION ON AMERICAN INDIAN AFFAIRS

Address for application information:

Harriett Skye

Association on American Indian Affairs

245 Fifth Avenue, Suite 1801

New York, New York 10016-8728

Purpose of programs: To help Native American people and their communities in meeting the challenges they face--in the ways they see fit.

Citizenship: United States

Eligible ethnic minority groups: Native American Indians, Alaska Natives (at least 25%); must have certification of degree of Indian blood; must be enrolled member of an American Indian tribe or Alaska Native corporation.

1. AAIA/Adolph Van Pelt Special Fund for Indian Scholarships

Level: Undergraduate, graduate

Fields supported: Unrestricted

Number of awards: Varies

Duration of awards: Up to four years toward any one degree

Application deadline: June 1

Stipend: First year, \$500; second year \$600; third year \$700; fourth year \$800

2. Emergency Aid and Health Professions Scholarships

Level: Undergraduate

Fields supported: Unrestricted

Other eligibility: Must be an undergraduate enrolled full-time

Number of awards: Varies

Duration of awards: One scholarship per academic year

Application deadline: No deadlines

Stipend: \$50 to \$300

3. Sequoyah Graduate Fellowships

Level: Graduate

Fields supported: Unrestricted

Number of awards: 10

Duration of awards: 1 year

Application deadline: September 13th

Stipend: \$1,500, paid in two equal installments

4. Displaced Homemakers Scholarship

Other requirements: Men or women, aged 30 or older

Level: Undergraduate

Fields supported: Unrestricted

Number of awards: Varies

Duration of awards: 3 years

Application deadline: September 1

Awards and amounts: Help with child care, transportation, some living expenses for those who could not otherwise attend college

AT&T BELL LABORATORIES

Address for application information:

AT&T Bell Laboratories

101 Crawfords Corner Road, P. O. Box 3030

Holmdel, NJ 07733-3030

1. Engineering Scholarship Program (ESP)

Purpose of program: To provide educational opportunities and increase talent pool of engineers for underrepresented minorities and women high school seniors.

Citizenship: United States citizens and permanent residents

Eligible ethnic minority groups: Black, Hispanic, Native American and all women

Level: Undergraduate

Fields supported: Computer science, computer engineering, systems engineering, electrical engineering, mechanical engineering

Number of awards: 15

Duration of awards: Renewable up to 4 years

Application deadline: January 15

Allowances and amounts: Full tuition, room and board, book stipend

2. Dual Degree Scholarship Program (DDSP)

Purpose of program: Provide a liberal arts and technical 5-year, 3/2 degree program between the Atlanta University Center Colleges (Morehouse, Spelman, Morris, Brown, and Clark-Atlanta Univ.) and Georgia Tech. Auburn, Rensselaer, Rochester Institute of Tech., Boston U., U. of Alabama.

Citizenship: United States citizens and permanent residents

Eligible ethnic minority groups: Black, Hispanic, Native American Indian

Level: Undergraduate

Fields supported: BA in mathematics, computer science, physics and a BS in electrical engineering, mechanical engineering, computer engineering, industrial engineering

Other requirements: Must be accepted to Morehouse, Spelman, Morris Brown, or Clark Atlanta University.

Number of awards: 3

Duration of awards: Renewable up to 5 years

Application deadline: Dec. 31

Allowances and amounts: Full tuition, room and board, book stipend

3. Cooperative Research Fellowship Program for Minorities (CRFP)

Purpose of program: To identify and develop scientific and engineering research ability among members of underrepresented minority groups, and

to increase their representation in the sciences and engineering.

Citizenship: United States citizen or U.S. permanent resident

Eligible ethnic minority groups: Blacks, Native American Indians, and Hispanics

Level: Graduate

Fields supported: Chemistry, chemical engineering, communications science, computer science/engineering, electrical engineering, information science, materials science, mathematics, mechanical engineering, operations research, physics, and statistics

Number of awards: 8

Duration of awards: 4-5 years

Application deadline: January 15

Stipend for 1993-94: \$13,200

Allowances and amounts: Tuition and fees, book allowance, travel allowance, summer job

4. Graduate Research Program for Women (GRPW)

Purpose of program: To identify and develop research ability in women and to increase their representation in science and engineering.

Citizenship: United States citizens or U.S. permanent residents

Level: Graduate

Fields supported: Chemistry, chemical engineering, communications science, computer science/engineering, electrical engineering, information science, materials science, mathematics, mechanical engineering, operations research, physics, and statistics

Number of awards: 4 fellowships, 6 grants

Duration of awards: 4-5 years

Stipend for 1993-94: \$13,200 fellowships/\$1,500 grants

Allowances and amounts: Tuition and fees, book allowance, travel allowance, summer job

AUSTRALIAN RESEARCH COUNCIL

Address for application information:

Australian Research Council
Research Development Section
ARC Fellowships Program
GPO Box 9880,
Canberra ACT 2601

1. Queen Elizabeth II Fellowships

Purpose of program: To encourage research in Australia by young postdoctoral graduates of exceptional promise and proven capacity for original work.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Biological, chemical, earth, engineering, mathematical, physical, social sciences and humanities. Clinical medicine and dentistry are

not supported.

Other requirements: Applicant must: 1) have a PhD; 2) have recent publications in international refereed journals; 3) normally have (at most) six years of postdoctoral experience; 4) have above average distinctions--outstanding academic record.

Number of awards: 15

Duration of awards: 5 years

Application deadline: March 1

Allowances and amounts: Research support grant-\$10,500 per annum.

2. Australian Research Fellowships

Purpose of program: To strengthen Australia's national research and development capability by providing opportunities for established researchers to undertake research of national significance.

Citizenship: Unrestricted; preference given to Australians.

Level: Postdoctoral

Field(s) supported: Biological, chemical, earth, engineering, mathematical, physical, social sciences and humanities. Clinical medicine and dentistry are not supported.

Other requirements: Applicant must have a PhD and normally have at least 3 years of postdoctoral experience at time of application.

Number of awards: 25

Duration of awards: 5 years

Application deadline: March 2

Allowances and amounts: Research support grant-\$5,500 per annum.

3. Australian Senior Research Fellowships

Purpose of program: To provide opportunities for outstanding researchers with proven international reputations to undertake research of significant benefit to Australia.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Biological, chemical, earth, engineering, mathematical, physical and social sciences, and humanities. Clinical medicine and dentistry are not supported.

Other requirements: Applicant must have a PhD and must be at least a senior lecturer, or a principal or senior research scientist of equivalent rank.

Number of awards: 15

Duration of awards: 5 years

Allowances and amounts: Research support grant.

4. Australian Postdoctoral Research Fellowships

Purpose of program: To strengthen Australia's national research and development capability by providing opportunities for postdoctoral level researchers to undertake research of international significance.

Citizenship: Unrestricted; preference given to Australians.

Level: Postdoctoral

Field(s) supported: Biological, chemical, earth, engineering, mathematical, physical and social sciences, and humanities. Clinical medicine and dentistry are not supported.

Other requirements: Applicant must: 1) have submitted their PhD thesis at the time of commencement of the fellowship; 2) must have the agreed support of the host institution; 4) have no more than 3 years of postdoctoral experience at the time of application.

Number of awards: 50

Duration of awards: 3 years

Allowances and amounts: Research support grant-\$3,500 per annum.

BUNTING INSTITUTE OF RADCLIFFE COLLEGE

Address for application information:

Bunting Institute of Radcliffe College

34 Concord Avenue

Cambridge, Massachusetts 02138

1. Science Scholars Fellowship Program

Purpose of program: To support women scientists at any level in their careers in the fields of science listed below.

Citizenship: United States

Level: Postdoctoral

Field(s) supported: Astronomy; molecular and cellular biology; biochemistry; chemistry; cognitive and neural sciences; mathematics; computer science; electrical, aerospace, and mechanical engineering; materials science; naval architecture; ocean engineering; oceanography; physics; and geology.

Other requirements: Receipt of doctorate at least two years prior to appointment.

Number of awards: 8

Duration of awards: 1 year

Application deadline: Usually early October

Stipend for 1993-94: \$31,300

Allowances and amounts: Up to \$3,000 in research expenses.

2. Bunting Fellowship Program

Purpose of program: To support women of exceptional promise and demonstrated accomplishments who wish to pursue independent study in the academic and professional fields listed below.

Citizenship: Unrestricted

Level: Postdoctoral, equivalent professional experience

Field(s) supported: All fields of scholarship, professions, creative writing, poetry, visual and performing arts, music, and sciences not included in Science Scholars Fellowship.

Other requirements: Receipt of doctorate at least two years prior to appointment, or equivalent professional experience for non-academic appoint-

ment.

Number of awards: 5-8 out of an applicant pool of 600-700.

Duration of awards: 1 year

Application deadline: Usually early October

Stipend for 1992-93: \$28,500

3. Peace Fellowship

Purpose of program: To support women actively involved in finding peaceful solutions to conflict or potential conflict among groups or nations.

Citizenship: Unrestricted

Number of awards: 1

Duration of awards: 1 year

Application deadline: January 15 for 1993-94 fellowships; varies yearly.

Stipend for 1993-94: \$25,000

Allowances and amounts: some funds for travel and research

4. Berkshire Summer Fellowship

Purpose of program: To support women historians with a PhD at the postdoctoral level.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Any field of history

Duration of awards: Summer months

Application deadline: January 15 for 1993-94 fellowships; varies yearly.

Stipend for 1993-94: \$3,000

CALIFORNIA STUDENT AID COMMISSION

Address for application information:

Central Inquiry Division

California Student Aid Commission

P.O. Box 942845

Sacramento, California 94245-0845

Title of program: Graduate Fellowship Program

Purpose of program: To afford opportunity for graduate study to unusually able persons.

Citizenship: United States

Level: Graduate

Field(s) supported: All graduate fields requiring advanced degrees.

Other requirements: Applicant must be: 1) a California resident and attend school in California; 2) a first or second year graduate student at time award is activated.

Number of awards: Approximately 500

Duration of awards: Up to 4 years

Application deadline: March 2 for 1990

Allowances and amounts: Tuition and fee payment only up to \$6,490 maximum.

THE CANADA COUNCIL

Address for application information:

Killam Program

The Canada Council

99 Metcalfe Street
P.O. Box 1047
Ottawa, Ontario
Canada K1P 5V8

Title of program: Canada Council Killam Research Fellowships

Purpose of program: To provide released time to an individual scholar to pursue independent research.

Citizenship: Canadian or landed immigrant resident in Canada, only.

Level: Senior scholar (8 to 12 years beyond the PhD)

Field(s) supported: Humanities, social sciences, natural sciences, health sciences, engineering, and studies linking disciplines within these broad fields.

Number of awards: 15 to 18 new awards per year

Duration of awards: 2 years

Application deadline: June 30

Stipend for 1993-94: \$53,000

Allowances and amounts: Full fringe benefits based on actual salary.

CARNEGIE INSTITUTION OF WASHINGTON

Title of program: Carnegie Institution of Washington Fellowships

Address for application information:

Write to Director of department in field of applicant's choice: 1) Department of Embryology, 115 West University Parkway, Baltimore, Maryland 21210 (research toward a better understanding of the molecular and cellular mechanisms underlying differentiation, growth, and morphogenesis and the manner in which these processes are coordinated in a number of developing systems, both normal and abnormal); 2) Geophysical Laboratory, 5251 Broad Branch Road, N.W., Washington, D.C. 20015 (physico-chemical studies of geological problems, with particular emphasis on the processes involved in the formation and evolution of the Earth's crust, mantle, and core); 3) Carnegie Observatories, 813 Santa Barbara Street, Pasadena, California 91101 and Las Campanas, Chile (programs of astronomical research on the structure and dimensions of the universe and the physical nature, chemical composition, and evolution of celestial bodies); 4) Department of Terrestrial Magnetism, 5241 Broad Branch Road, N.W., Washington, D.C. 20015 (a wide range of studies in physics and related sciences, including astrophysics, geophysics and geochemistry, and planetary physics); 5) Department of Plant Biology, 290 Panama Street, Stanford, California 94305 (research on the study of photosynthesis, and on the physiological and biochemical mechanisms that underlie the functional diversity and adaptations of plants).

Purpose of program: To train research scientists
Citizenship: Unrestricted; efforts are made to recruit qualified women and minorities.

Level: Postdoctoral; by special arrangement, predoctoral Fellows to undertake thesis research
Field(s) supported: See above.

Number of awards: Approximately 30

Duration of awards: 1 to 2 years

Application deadline: Varies in each department
Stipend for 1992-93: As recommended by director of each department

Allowances and amounts: Grants may sometimes include travel funds.

CENTER FOR ADVANCED STUDY IN THE BEHAVIORAL SCIENCES

Address for application information:

Director

Center for Advanced Study in the Behavioral Sciences

202 Junipero Serra Boulevard
Stanford, California 94305

Title of program: Postdoctoral Fellowships

Purpose of program: To provide scholars of exceptional achievement or promise free time to devote to their own study and to associate with colleagues in the same discipline or related fields.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Include but not limited to: anthropology, art history, biology, classics, economics, education, history, law, linguistics, literature, mathematical and statistical specialties, medicine, musicology, philosophy, political science, psychiatry, psychology, and sociology.

Other requirements: Fellows must spend the fellowship year at the Center. Fellows are selected from nominations from academic administrators, well known scholars, and former Fellows.

Number of awards: Approximately 50 per year.

Duration of awards: 9 to 12 months (September to August)

Application deadline: The Center welcomes nominations at any time.

Stipend for 1993-94: In most cases, based on the Fellow's salary for the preceding academic year.

Allowances and amounts: Travel expenses

COCA-COLA SCHOLARS FOUNDATION

Address for application information:

Coca-Cola Scholars Foundation, Inc.

One Buckhead Plaza, Suite 1000

3060 Peachtree Road, N.W.

Atlanta, Georgia 30305

Title of Program: Scholarship

Purpose of program: To provide scholarships to high school seniors for college.

Citizenship: United States

Level: Undergraduate

Field(s) supported: Unrestricted

Other requirements: Applicant must reside in participating Coca-Cola bottler's territory. All high schools located within a participating bottler's territory will automatically receive applications at the beginning of the school year. Applications are available through high school guidance offices only.

Number of awards: 150

Duration of awards: Renewable up to four years

Application deadline: October 31

Allowances and amounts: 100 awards at \$1,000 per year; 50 awards at \$5,000 per year.

THE JANE COFFIN CHILDS MEMORIAL FUND FOR MEDICAL RESEARCH

Address for application information:

The Jane Coffin Childs Memorial Fund for Medical Research

333 Cedar Street

P.O. Box 3333

New Haven, Connecticut 06510

Title of program: Postdoctoral Fellowships

Purpose of program: To further research into the causes, origins and treatment of cancer through the award of postdoctoral fellowships.

Citizenship: Unrestricted - awards to foreign nationals made only for work in the U.S.; awards to U.S. citizens tenable in the U.S. or any foreign country.

Level: Postdoctoral

Field(s) supported: See above.

Other requirements: Applicants in general should not have more than one year of postdoctoral experience.

Number of awards: Approximately 25

Duration of awards: Two - three years

Application deadline: February 1

Stipend for 1993-94: \$24,000 the first year; \$25,000 the second year; \$26,000 the third year

Allowances and amounts: Allowance of \$1,500 a year toward the cost of research usually will be made available to the laboratory sponsoring the Fellow.

COMMITTEE ON INSTITUTIONAL COOPERATION (CIC)

Address for application information:

CIC Predoctoral Fellowships Program

Kirkwood Hall, Room 111

Indiana University

Bloomington, Indiana 47405

Participating universities: University of Chicago,

University of Illinois at Chicago and Urbana-Champaign, Indiana University, University of Iowa, University of Michigan, Michigan State University, University of Minnesota, Northwestern University, Ohio State University, Pennsylvania State University, Purdue University, University of Wisconsin-Madison and Milwaukee.

1. CIC Predoctoral Fellowships Program in the Sciences, Mathematics and Engineering

Purpose of program: To increase the representation of African Americans, American Indians, Mexican Americans and Puerto Ricans among PhD recipients in the sciences, mathematics, and engineering.

Citizenship: United States

Eligible ethnic minority groups: See above

Level: Graduate

Field(s) supported: All scientific fields that lead to the PhD; applications are especially encouraged in agricultural sciences, biological sciences, chemistry, engineering, mathematical sciences, medical sciences, physical and geological sciences, and physics.

Other requirements: Recipients are selected on the basis of academic achievement, ethnicity, and area of study. Recipients must pursue programs of study leading to PhD degrees, and must be accepted as graduate students by at least one of the CIC universities. Fellowships can be used only at the CIC universities.

Duration of awards: up to 5 academic years

Application deadline: January 5 of each year

2. CIC Predoctoral Fellowships Program in the Social Sciences

Purpose of program: To increase the representation of African Americans, American Indians, Mexican Americans, and Puerto Ricans among PhD recipients in the basic social science disciplines.

Citizenship: United States

Eligible ethnic minority groups: See above

Level: Graduate

Field(s) supported: Anthropology, economics, geography, history, political science, psychology, and sociology.

Other requirements: Fellowship recipients are selected on the basis of academic achievement, ethnicity, and area of study. Recipients must be accepted for admission by at least one of the CIC universities, and must pursue programs of study leading to PhD degrees. Fellowships can be used only at the CIC universities.

Number of awards: 25

Duration of awards: up to 5 academic years

Application deadline: January 5 of each year

Stipend for 1992-93: \$10,000

Allowances and amounts: Full tuition for the academic year.

3. CIC Predoctoral Fellowships Program in the Humanities

Purpose of program: To increase the representation of African Americans, American Indians, Mexican Americans, and Puerto Ricans among PhD recipients in the humanities.

Citizenship: United States

Eligible ethnic minority groups: See above.

Level: Graduate

Field(s) supported: American studies, art history, classics and classical languages, comparative literature, English and American literature, folklore, Germanic languages and literature, linguistics, music (theory and musicology only), philosophy, religious studies, Romance languages and literature (French, Italian, Portuguese, Spanish), Slavic languages and literature, theatre and drama.

Other requirements: Fellowship recipients are selected on academic achievement, ethnicity, and area of study. Recipients must be accepted for admission by at least one of the CIC universities, and pursue programs of study leading to PhD degrees. The fellowships can be used only at the CIC universities.

Number of awards: 10

Duration of awards: Up to 5 academic years

Application deadline: January 5 of each year

Stipend for 1992-93: \$10,500

Allowances and amounts: Full tuition for the academic year.

COMMITTEE ON SCHOLARLY COMMUNICATION WITH THE PEOPLE'S REPUBLIC OF CHINA (CSCPRC)

Address for application information:
CSCPRC

National Academy of Sciences
2101 Constitution Avenue
Washington, D. C. 20418

Purpose of program: To facilitate scholarly exchanges with the People's Republic of China.

1. Graduate Program

Citizenship: United States citizens or U.S. permanent residents

Level: Graduate

Field(s) supported: Social sciences and humanities

Other requirements: Offers support for individuals enrolled in a graduate program in the social sciences and humanities to do course work in an academic discipline at a Chinese university; or for individuals with the MA for social sciences and humanities course work and/or dissertation research at a Chinese university. Requires Chinese language proficiency acquired through at least 3 years of college-level study or its equivalent, preferably including time in a Chinese language environment such as Taiwan.

Number of awards: Variable

Duration of awards: Requires minimum tenure of 1 academic year.

Application deadline: October 10 for 1992

Stipend for 1992-93: Variable

Allowances and amounts: Variable

2. Research Program

Citizenship: United States citizens or U.S. permanent residents

Level: PhD or equivalent

Field(s) supported: Social sciences and humanities

Other requirements: Supports in-depth research on China, the Chinese portion of a comparative study, or an exploratory survey of an aspect of contemporary China; gives preference to those who have not previously participated in the program, but encourages former participants to apply on the basis of publications derived from an earlier visit.

Number of awards: Variable

Duration of awards: 2 months to 1 year

Application deadline: October

Stipend for 1992-93: Variable

Allowances and amounts: Variable

THE COMMONWEALTH FUND OF NEW YORK

Title of program: The Harkness Fellowships

Addresses for application information:

In Great Britain:

28 Bedford Square
London WC1B 3EG
England

In Australia:

Mr. Roger D.B. Beale
Department of Transport and Communications
GPO Box 594

Canberra
ACT 2601
Australia

In New Zealand:

Mr. R.E.W. Elliott
15 City View Road
Harbourview
Lower Hutt
New Zealand

Purpose of program: To promote international understanding by enabling students to study and travel in the continental United States.

Citizenship: Australia, New Zealand or the United Kingdom

Level: Graduate, postdoctoral (over 21, but preference to those between their mid 20's to mid 40's).

Field(s) supported: In Australia and New Zealand -- unrestricted; in the United Kingdom -- health, education, people in cities

Other requirements: In Australia and New Zealand -- Degree or equivalent qualification conferred by professional body, or an outstanding record of

achievement in the creative arts, journalism, business or other comparable career; candidates wishing to study for an MBA must have had substantial full-time postgraduate administrative experience in addition to degree requirements. Candidates must not have spent more than 6 months in the U.S.A. following their 19th birthday and may not be currently studying in the U.S. In the United Kingdom--Fellowships are open to individuals active in any part of the public, business or voluntary sectors, who have demonstrated exceptional personal and intellectual qualities, and professional achievement. Candidates must show promise of becoming leaders in their chosen fields. Academics and researchers are eligible, but must show active interest in the practical applications of their work. Preference will normally be given to those who have not already spent substantial periods in the United States.

Number of awards: For 1992: 11 U.K., 5 Australia, 2 New Zealand

Duration of awards: 12 to 21 months in Australia and New Zealand; 7 to 12 months in the United Kingdom

Application deadline: Variable, but generally: Australia-August; New Zealand-September; U.K.-mid October. All dates are in year preceding year of award.

Stipend for 1993-94: £1,400-£2,400 per month.

Allowances and amounts: Travel to and from U.S., living allowances, U.S. travel allowance, medical insurance, tuition.

COUNCIL FOR INTERNATIONAL EXCHANGE OF SCHOLARS

Address for application information:

Council for International Exchange of Scholars
Suite 5M

3007 Tilden Street, N.W.

Washington, D.C. 20008-3009

1. Fulbright Scholar Program Grants for Faculty and Professionals: Research and Lecturing--American Scholars

Purpose of program: To enable Americans to learn first-hand about other countries and cultures, and to promote academic and professional development. [Administered on behalf of the U.S. Information Agency (USIA)].

Citizenship: United States

Level: Postdoctoral

Field(s) supported: All academic fields and some professions

Other requirements: PhD or comparable professional qualifications; university or college teaching experience; and, for selected assignments, proficiency in a foreign language.

Number of awards: Approximately 1,000 (700

university lecturing and 300 advanced research).

Duration of awards: 2 months to 1 academic year
Application deadline: June 15 for Australia and South Asia. August 1 for Africa, Northeast and Southeast Asia, Central and Eastern Europe, territories of the former USSR, Western Europe, Latin America and the Caribbean, the Middle East and North Africa, Canada. Other deadlines are in place for special programs.

Stipend for 1993-94: Stipends vary by country.

Allowances and amounts: Generally includes international travel and miscellaneous allowances.

2. Fulbright Awards for University Teaching and Advanced Research-Non-U.S. Scholars

Address for application information: Cultural Affairs Officer of the U.S. Embassy or the binational Educational Commission or Foundation in the scholar's own country.

Purpose of program: To increase mutual understanding between the people of the U.S. and the people of other countries, and to promote academic and professional development. [Administered on behalf of the U.S. Information Agency (USIA).]

Citizenship: Non-U.S. citizens; each must apply in country of citizenship.

Level: Postdoctoral

Field(s) supported: All academic disciplines

Other requirements: PhD or comparable professional qualifications; university or college teaching experience; proficiency in English.

Number of awards: Approximately 1,000

Duration of awards: 3 months to 1 academic year

Application deadline: Varies by country.

Stipend for 1993-94 : Varies by country.

Allowances and amounts: Generally includes monthly stipend, international travel, and miscellaneous allowances.

3. Fulbright Awards for University Teaching Scholars-in-Residence

Purpose of program: Foreign scholars are invited to lecture at U.S. institutions in order to strengthen the international dimension of teaching programs at institutions with limited opportunities to receive foreign scholars and to enrich established area studies or international programs.

Citizenship: Citizens of countries in Latin America, Africa, Asia, and the Middle East that participate in the Fulbright program.

Level: Postdoctoral

Field(s) supported: Preference is given to humanities and social sciences scholars as well as professionals from the media or government.

Other requirements: U.S. institutions submit proposals to host a scholar. The proposals contain cost-sharing provisions.

Number of awards: Approximately 40

Duration of awards: 1 academic year or term

Application deadline: November 1

Allowances and amounts: Round-trip travel for grantee and, for full year awards, one accompanying dependent; monthly maintenance allowance; allowances for travel, books, and essential services. Cost sharing by host institution.

4. Indo-American Fellowship Program

Purpose of program: To draw into educational exchange U.S. citizens who are not India specialists and who have had limited or no prior experience in India.

Citizenship: United States

Level: Postdoctoral

Field(s) supported: All academic fields, except clinical medicine and professional fields such as architecture, business, law, museum work, and creative areas.

Other requirements: PhD or comparable professional qualifications

Number of awards: 12 long term (6 to 10 months), 9 short term (2 to 3 months).

Application deadline: June 15

Stipend for 1993-94: \$1,700 per month, of which \$800 is payable in U.S. dollars and the balance in rupees.

Allowances and amounts: Monthly maintenance allowance, international travel, supplementary research and other allowances.

5. North Atlantic Treaty Organization (NATO) Advanced Research Fellowships

Purpose of program: To support research projects of a historical, political, economic or social nature of direct interest to the Atlantic Alliance.

Citizenship: United States

Level: Postdoctoral

Field(s) supported: Social sciences on topics related to the Atlantic Alliance including political/military studies.

Other requirements: PhD or equivalent professional status

Number of awards: Up to 3

Duration of awards: 2 to 12 months

Application deadline: January 1

Stipend for 1993-94: 240,000 Belgian francs or the equivalent in the currency of any other member country.

Allowances and amounts: Travel

6. Japan Today

Purpose of program: To assist academics or professionals who want to enhance or update their knowledge of Japan in order to contribute to the current dialogue between Japan and the U.S. Participants will be able to conduct interviews, consultations, lectures and/or on-site visits.

Citizenship: United States

Fields supported: Architecture, business, environmental studies, government, journalism and media, law, and social work as well as most academic disciplines, excluding the arts.

Other requirements: Terminal degree; limited to no prior experience in Japan within the past 5 years; Japanologists are not included in this program; language capability helpful but not required.

Duration of awards: six to twelve weeks

Number of awards: Approximately 5

Application deadline: August 1

Allowances and amounts: Per diem sufficient to cover living expenses during the term of the award; a research allowance; international and domestic travel.

AARON DIAMOND FOUNDATION

Address for application information:

Aaron Diamond Foundation Postdoctoral Research Fellowships

5 Penn Plaza, Room 308

New York, New York 10001

Title of Program: Aaron Diamond Foundation Postdoctoral Research Fellowships in the Biomedical and Social Sciences (administered by the New York State Health Research Council)

Purpose of program: To support AIDS and drug abuse research, both biomedical and social science aspects, while attracting promising M.D.'s and Ph.D.'s to engage in intensive research training in New York City institutions. Women and minorities are especially encouraged to apply.

Citizenship: U.S. citizens, those who have applied for citizenship and those who are permanent residents and have an Alien Registration Receipt Card are given preference, as one program goal is to retain promising researchers within New York City institutions.

Level: Postdoctoral

Field(s) supported: Diverse biomedical and social science fields, broadly interpreted as relevant to AIDS and drug abuse.

Other requirements: Preference is given to those with three years or less postdoctoral research experience and those relocating to New York City. Prospective fellows apply as part of a team, to include a potential mentor from a New York City institution. Preference is given to newly forming, rather than existing, fellow-mentor teams.

Number of awards: 25 (awarded yearly: 1991-93)

Duration of awards: 2-3 years

Application deadline: July 30

Stipend for 1992-93: \$36,000, with \$2,000 increases in years 2 and 3 of the award.

Allowances and amounts: \$25,000 research allowance, plus \$5,000 institutional allowance (\$2,000 of which must be used to directly benefit the Fellow).

DUMBARTON OAKS
Trustees for Harvard University

Address for application information:

Office of the Director
Dumbarton Oaks
1703 32nd Street, N.W.
Washington, D.C. 20007

1. Dumbarton Oaks Fellowships and Junior Fellowships, Summer Fellowships in Byzantine Studies, Pre-Columbian Studies, and Studies in Landscape Architecture.

Purpose of Program: To promote study and pursue research at Dumbarton Oaks in the fields of Byzantine Studies, Pre-Columbian Studies and Studies in Landscape Architecture.

Citizenship: Unrestricted

Level: Junior Fellowships -- students who at the time of application have fulfilled all preliminary requirements for a PhD and will be working on a dissertation or final project at Dumbarton Oaks under the direction of a faculty member at their own university; Fellowships -- scholars who hold, or will hold at the time of residence at Dumbarton Oaks, a doctorate or have established themselves in their field and wish to pursue their own research; Summer Fellowships -- scholars on any level of advancement.

Field(s) supported: Byzantine Studies (including related aspects of late Roman, Early Christian, western medieval, Slavic and Near Eastern studies); Pre-Columbian Studies (of Mexico, Central America, and Andean South America); and Studies in Landscape Architecture.

Other requirements: Fellows are expected to be able to communicate satisfactorily in English.

Number of awards: Approximately 35 per year

Duration of awards: Full academic year or single term. Summer Fellowships--6-9 weeks.

Application deadline: November 1

Stipend for 1993-94: \$18,000 for Fellows for a full academic year; \$11,000 for a Junior Fellow.

Allowances and Amounts: \$1,500 dependent allowance; \$800 research allowance; travel expense reimbursement up to \$1,300 for Fellows residing outside the U.S.; plus housing arrangements. Summer Fellows receive maintenance allowance of \$125 per week plus housing arrangements, weekday lunch and travel expense reimbursement up to \$1,300.

2. Bliss Prize Fellowship in Byzantine Studies

Purpose of program: To provide encouragement, assistance, and training to outstanding college seniors who plan to enter the field of Byzantine Studies.

Citizenship: Unrestricted

Level: Seniors in college or those who have earned a BA.

Field(s) supported: Areas involving Byzantine civilization and culture.

Other requirements: Applicants must have completed at least one year of Greek and must be applicants to graduate school in any field of Byzantine Studies; Bliss Fellowships are normally restricted to candidates currently enrolled in US or Canadian universities or colleges.

Duration of awards: 1 to 2 years

Application deadline: Nominations by student advisors are due November 1; application materials from the applicant are due November 15.

Allowances and amounts: Graduate school tuition and living expenses up to \$25,000 and a summer travel allowance up to \$5,000.

EAST-WEST CENTER

Address for application information:

East-West Center
Award Services Office, Burns Hall 2066
1777 East-West Road
Honolulu, Hawaii 96848

1. Fellow

Purpose of program:

To attract international scholars and authorities to the Center for involvement in specific Center projects along with EWC staff and other participants, and to promote cooperation with foreign institutions through participation of their staff in EWC projects

Citizenship: United States, Asia, and Pacific Islands

Level: Post-graduate

Fields supported: Culture and communication, economic development and policy, environment and policy, population, non-renewable resources, international relation, Pacific Islands development, journalism.

Other eligibility: Must be invited by EWC or nominated by cooperating institutions.

Number of awards: 200-300

Duration of awards: Visiting fellows: up to 3 months; research fellows: up to 36 months

Application deadline: Varies according to citizenship

Stipend: Related to academic/professional rank, and/or relevant research experience, and/or current salary

Allowances and amounts: EWC residence hall accommodations in guest facility optional for fellows on award for six months or less

2. Predoctoral Fellowship

Purpose of program: To strengthen relations with institutions in Asia, Pacific Islands and U.S. by enabling PhD candidates from these institutions to work in specific EWC projects relevant to their dissertations.

Citizenship: United States, Asia, and Pacific Islands

Level: Dissertation

Fields: Areas of EWC projects

Other eligibility: Good academic record and test scores

Number of awards: 5

Duration of awards: 6-10 months

Application deadline: January

Stipend for 1992-93: \$1,250 per month

Allowances and amounts: Transportation and other approved EWC academic expenses may be provided, shared office space

3. Graduate Degree Student

Purpose of program: To support master's and doctorate degree programs at the University of Hawaii and provide opportunities to participate in Center research programs and activities.

Citizenship: United States, Asia, and Pacific Islands

Fields supported: Graduate fields eligible for support at the University of Hawaii that relate to EWC projects

Other eligibility: Good academic record and test scores

Number of awards: Varies

Duration of awards: Up to 24 months for master's; up to 48 months for doctorate

Application deadline: Varies according to citizenship

Stipend for 1992-93: \$516 per month

Allowances and amounts: Tuition, book allowance, EWC approved academic expenses, accommodations in EWC dormitory

4. Post-Doctoral Fellowships in Asia Pacific Area Studies

Purpose of program: To enable recent doctoral recipients to participate in on-going research in addition to preparing dissertation for publication.

Citizenship: United States, Asia, and Pacific Islands

Level: Postdoctoral

Fields Supported: Areas of EWC projects

Number of awards: 4-5

Duration of awards: 12 months

Application deadline: Varies according to citizenship

Stipend for 1992-93: \$2,500 per month

Allowances and amounts: Transportation, EWC residence hall available for two months while locating off-campus housing, shared office space.

EUROPEAN LABORATORY FOR PARTICLE PHYSICS (European Organization for Nuclear Research--CERN)

Address for application information:
Fellows and Associates Service

Personnel Division

CERN

CH-1211 Geneva 23

Switzerland

1. Fellowships

Purpose of Program: To allow young post-graduates to gain experience by working in a research or development group.

Citizenship: Candidates must be nationals of the Member States of CERN: Austria, Belgium, Czech and Slovak Federal Republic, Denmark, Finland, France, Germany, Greece, Italy, Netherlands, Norway, Poland, Portugal, Spain, Sweden, Switzerland, United Kingdom.

Level: Graduate, Postdoctoral

Field(s) Supported: Experimental and theoretical particle physics, as well as various related activities in applied physics, electronics, computing, and engineering.

Duration of awards: 1 year and usually extended for a second year

Application deadline: Normally, early November and early April of each year.

Stipend for 1992-93: 5000-7000 Swiss francs per month

2. Scientific Associates Programme

Purpose of program: To establish and maintain contacts with scientists at laboratories throughout the world.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Experimental and theoretical particle physics, and advanced development work and related research in a broad range of applied sciences and engineering.

Number of awards: About 60

Duration of awards: Normally up to 1 year

Application deadline: Mid-February and mid-October of each year

Stipend for 1992-93: 4000-10000 Swiss francs per month

Allowances and amounts: For non-residents:

Associates - 9-12% of stipend for non-residents

Family - 273 Swiss francs per month; Child - 301 Swiss francs per month

3. Corresponding Fellowships

Purpose of Program: Granted to scientists holding research or teaching positions to help them keep abreast of developments in particle physics and related fields.

Citizenship: Limited to citizens of CERN Member States.

Level: Postdoctoral

Fields supported: Particle physics and related fields

Other Requirements: Restricted to citizens of smaller Member States and are intended for scientists who have already had experience at CERN.

Duration of awards: Up to 6 months
Stipend: While Corresponding Fellows are at CERN, their parent institutes are expected to continue normal salary payments.
Allowances and amounts: Subsistence allowance to cover the additional costs of living in Geneva.

FLORIDA ENDOWMENT FUND FOR HIGHER EDUCATION

Address for application information:
Florida Endowment Fund for Higher Education
Suite 1525
201 East Kennedy Boulevard
Tampa, Florida 33602
Title of program: McKnight Doctoral Fellowship Program
Purpose of program: To address the underrepresentation of African-American faculty at colleges and universities in the state of Florida by increasing the pool of African-Americans qualified with PhD degrees to teach at the college or university level
Citizenship: United States
Eligible ethnic minority group(s): African-Americans
Level: Graduate
Field(s) supported: Arts and sciences, business, engineering and mathematics and science education
Other requirements: Applicant must have obtained at least a bachelor's degree from a regionally accredited college or university.
Number of awards: 25 per year
Duration of awards: 3 years; fourth and fifth year funded by institution if necessary.
Application deadline: January 15
Stipend for 1993-94: \$11,000
Allowances and amounts: Full tuition and fees not to exceed \$5,000 per year; total fellowship is worth \$16,000 per year

JOHN E. FOGARTY INTERNATIONAL CENTER FOR ADVANCED STUDY IN THE HEALTH SCIENCES

Address for application information:
International Research and Awards Branch
Fogarty International Center
Building 31, Room B2C39
National Institutes of Health
Bethesda, Maryland 20892
1. Senior International Fellowship Program
Purpose of program: To provide opportunities for established U.S. scientists to conduct collaborative research abroad.
Citizenship: U.S. citizens or U.S. permanent residents
Level: Postdoctoral

Field(s) supported: Biomedical, behavioral and health sciences
Other requirements: The applicant must hold a doctoral degree in one of the biomedical, behavioral, or health sciences; have 5 years or more postdoctoral experience; have professional experience in one of the biomedical, behavioral, or health sciences for at least 2 of the last 4 years; hold a full-time appointment on the staff of the U.S. nominating institution (which must be a non-Federal public or private not-for-profit research, clinical, or educational institution); be invited by a not-for-profit foreign institution; and not be employed by the Federal government. Previous Senior International Fellows may apply for a second award.
Number of awards: Approximately 40
Duration of awards: 3 to 12 months; split term is possible, minimum 3 month terms.
Application deadlines: January 10, May 10, September 10
Stipend for 1993-94: \$15,000
Allowances and amounts: Round-trip fare, economy class on U.S. air carrier, for Fellow; institutional allowance of up to \$6,000 for 12 months (prorated for lesser periods); foreign living allowance: \$24,000.
2. Foreign Supported Fellowships for U. S. Scientists
Purpose of program: To enhance the exchange of research experience and information in the biomedical, behavioral, and health sciences.
Citizenship: U. S. citizens or U.S. permanent residents
Level: Postdoctoral
Field(s) supported: Biomedical, behavioral, and health sciences
Participating countries: England, Finland, France, Germany, Ireland, Israel, Japan, Norway, Sweden, Switzerland, and Taiwan.
Other requirements: The eligibility requirements of each program differ. At a minimum, each candidate must have an earned doctoral degree and research experience in the proposed area of study as demonstrated by publications in peer-reviewed scientific journals. Brochures on each program are available upon request.
Number of awards: Varies with each country.
Duration of awards: 3 months to 12 months, but varies by country.
Application deadline: Applications to programs supported by Germany and Taiwan can be submitted at any time; all other programs have an annual receipt date of May 10.
Stipend for 1993-94: Varies with each country.
3. International Research Fellowship Program
Purpose of program: To provide opportunities for foreign postdoctoral scientists in the formative

stages of their careers to extend their research experience in a U.S. laboratory.

Citizenship: Approximately 50 countries and 4 regions/ areas

Level: Postdoctoral

Field(s) supported: Biomedical, behavioral, and health sciences

Other requirements: The applicant must hold an earned doctoral degree (MD, PhD, DVM, DDS) or the equivalent in a health science field; have demonstrated the ability to engage in independent basic or clinical research; submit a research proposal in an area of one of the biomedical or behavioral sciences; have a sponsor in the U.S. at a nonprofit institution who has agreed to accept the applicant for research on the applicant's proposed project; have assurance from a nonprofit institution in the home country that there is a position to which the applicant can return after completion of the fellowship; and be proficient in spoken and written English.

Number of awards: About 90

Duration of awards: 12-24 months

Application deadline: August 1 and November 15

Stipend for 1993-94: \$21,000-\$32,300 per year

Allowances and amounts: Round-trip fare, economy class on U.S. air carrier, for Fellow; institutional allowance of \$5,000 for non-Federal Fellows.

4. Health and Biomedical Scientist Exchanges

This program is supported by bilateral agreements between the United States and participating countries; therefore, similar opportunities exist for scientists from participating countries.

Address for application information:

International Coordination and Liaison Branch

Fogarty International Center

Building 31, Room B2C11

National Institutes of Health

Bethesda, Maryland 20892

a. Health Scientist Exchange Program

Purpose of program: To foster collaboration between health professionals and scientists in the United States and Hungary, Poland, Romania or Russia in studying health problems that are of mutual interest and importance.

Citizenship: U. S. citizens or U.S. permanent residents

Level: Postdoctoral

Field(s) supported: Biomedical, behavioral and health sciences

Other requirements: The applicant must have professional experience appropriate to the proposed study and be affiliated with a U. S. or private nonprofit educational, research, or clinical institution.

Number of awards: Not specified

Duration of awards: 2-12 weeks (variations may

be considered if justified)

Application deadline: Continuous

Stipend for 1993-94: Awardees receive lodging, per diem, and round-trip expenses.

b. Biomedical Research Exchanges

Purpose of program: To conduct collaborative biomedical research of mutual benefit to the United States and Bulgaria.

Citizenship: U.S. citizens or U.S. permanent residents

Level: Postdoctoral

Field(s) supported: Biomedical, behavioral, and health sciences

Other requirements: The applicant must have professional experience appropriate to the proposed study, and be affiliated with a U.S. or private nonprofit educational or research institution.

Number of awards: Not specified

Duration of awards: Short term (2-12 weeks); long term (3-6 months)

Application deadline: Continuous

Stipend for 1993-94: Awardees receive lodging, per diem, and round-trip expenses.

5. Fogarty International Research Collaboration Award (FIRCA)

Purpose of Program: To facilitate cooperation and collaboration between U.S. scientists and scientists in Central and Eastern Europe, Latin America and the non-U.S. Caribbean that will expand and enhance the NIH-supported research program of the U.S. Principal Investigator and benefit the scientific interests of the collaborating foreign scientist.

Field(s) supported: Biomedical, behavioral and health sciences

Other requirements: The U.S. applicant must be the Principal Investigator of an NIH research project grant that will be active and funded during the proposed grant award period. The foreign collaborator must be from a country located in the geographical regions commonly known as Central and Eastern Europe, Latin America, or the non-U.S. Caribbean. Special application instructions are necessary and are available from the International Research and Awards Branch.

Number of awards: Dependant on budget allocation (estimated 40+ new awards each year)

Duration of awards: 1-3 years, depending on the number of years remaining on the NIH grant at time of award.

Application deadlines: October 1, February 1 and June 1

Stipend for 1993-94: Up to \$20,000 in direct costs per year, for up to three years. Funds may be used for: materials, supplies, and equipment for the foreign scientist's research laboratory, and travel and short-term living (per diem) expenses for the

Principal Investigator and/or the foreign collaborator, and their research associates, as justified by the scientific needs of the project.

FOOD AND AGRICULTURE ORGANIZATION (FAO) OF THE UNITED NATIONS

Address for application information:

Contact FAO representative in home country.

1. Technical Assistance Fellowships

Purpose of program: To equip qualified personnel to aid technical, economic, and social development of their own countries.

Citizenship: Nationals of countries with which agreements have been signed under the United Nations Development Programme or Trust Fund arrangements with various donor countries.

Level: Candidates must have basic and technical education and practical experience in field of fellowship.

Other requirements: Awards made only as part of specific projects of technical assistance operated by FAO.

Field(s) supported: Agriculture, fisheries, forestry, nutrition, agricultural economics, and statistics.

Number of awards: About 1,000 per year.

Duration of awards: Ranges from 1 month to 5 years.

Stipend for 1993-94: Varies from country to country according to rates established by the United Nations.

Allowances and amounts: Book allowance, termination allowance, degree allowance (for thesis publication).

2. Andre Mayer Research Fellowships

Purpose of program: To provide opportunity for Fellows to carry out selected research projects within the framework of FAO's current Programme of Work.

Citizenship: Nationals of all member countries.

Level: Available to experienced and highly qualified research workers for independent research.

Field(s) supported: Agriculture, fisheries, forestry, nutrition, agricultural economics, and statistics.

Other requirements: Awards made only through governmental designation.

Number of awards: About 4 every 2 years.

Duration of awards: From 1 to 2 years.

Stipend for 1993-94: Varies from country to country according to rates established by the United Nations; \$100 for family if accompanying Fellow.

Allowances and amounts: No set allowances, as requests are considered on an individual basis.

THE FORD FOUNDATION

Address for application information:

Fellowship Office

National Research Council

2101 Constitution Avenue

Washington, D. C. 20418

1. Ford Foundation Predoctoral and Dissertation Fellowships for Minorities

Purpose of program: To increase the presence of underrepresented minorities on the nation's college and university faculties by offering doctoral fellowships to members of the six minority groups most severely underrepresented in the nation's PhD population, the pool from which colleges and universities draw their faculties.

Citizenship: United States

Eligible ethnic minority groups: Alaskan Natives (Eskimo or Aleut), Native American Indians, Black/African Americans, Mexican Americans/Chicanos, Native Pacific Islanders (Polynesian or Micronesian), and Puerto Ricans

Level: Predoctoral (beginning graduate), Dissertation (all course work and examinations completed)

Field(s) supported: Behavioral and social sciences, humanities, engineering, mathematics, physical sciences, and biological sciences, or interdisciplinary programs comprised of two or more eligible disciplines. Awards will not be made in such areas as business administration and management, health sciences, public health, home economics, library science, speech pathology and audiology, personnel and guidance, social work, fine arts and performing arts, and education; in addition, awards will not be made for work leading to terminal master's degrees, doctorates in education (PhD or EdD), Doctor of Fine Arts (DFA) degrees, or professional degrees in such areas as medicine, law, or business.

Other requirements: Predoctoral: Applicants must: 1) plan to work toward the PhD or ScD degree; 2) not have completed, by the beginning of the fall application period, more than 30 semester hours, 45 quarter hours, or equivalent, of graduate-level study in fields supported by this program; 3) have Graduate Record Examinations (GRE) General Test scores from tests taken since October 1, 1987.

Dissertation: Applicants must: 1) work toward the PhD or ScD degree; 2) have finished all required course work and examinations except for the defense of the dissertation; 3) be admitted to degree candidacy by January 31 of the competition year; 4) expect to complete the dissertation during the year of fellowship tenure, but in no case later than fall of the following year.

Number of awards: Approximately 55 Predoctoral fellowships and 20 Dissertation fellowships

Duration of awards: Predoctoral - 3 years; Dissertation - 1 year

Application deadline: November

Stipend for 1993-94: Predoctoral - \$11,500 per year; Dissertation - \$18,000

Allowances and amounts: Predoctoral - \$6,000 institutional grant in lieu of tuition and fees; Dissertation - None

2. Ford Foundation Postdoctoral Fellowships for Minorities

Purpose of program: To enable teacher-scholars of high ability who are members of minority groups that have been traditionally underrepresented among the nation's behavioral and social scientists, humanists, engineers, mathematicians, physical scientists, and life scientists to engage in postdoctoral research and scholarship in an environment free from the interference of their normal professional duties. The goal is to help these teacher-scholars achieve greater recognition in their respective fields to develop the professional associations that will make them more effective and productive in academic employment.

Citizenship: United States

Eligible ethnic minority groups: Native American Indians or Alaskan Natives (Eskimo or Aleut), Black/African Americans, Mexican Americans/Chicanos, Native Pacific Islanders (Micronesian or Polynesian), and Puerto Ricans

Level: Postdoctoral

Field(s) supported: Behavioral and social sciences, humanities, engineering, mathematics, physical sciences, and biological sciences, or interdisciplinary programs comprised of two or more eligible disciplines. Awards will not be made in professions such as medicine, law, social work, library science, and such as business administration and management, fine arts and performing arts, speech pathology and audiology, health sciences, public health, home economics, personnel and guidance, and education.

Other requirements: Applicants must: 1) have earned the PhD degree or ScD degree for no more than seven years as of the application deadline date; 2) be preparing for, or already engaged in, college or university teaching or research.

Number of awards: Approximately 25

Duration of awards: 9 or 12 months

Application deadline: January

Stipend for 1993-94: \$25,000

Allowances and amounts: Travel and relocation allowance up to maximum of \$3,000; cost-of-research allowance of \$2,000 administered by the fellowship institution; \$2,500 grant-in-aid to home institution for Fellow's use upon completion of fellowship tenure.

GERMAN ACADEMIC EXCHANGE SERVICE (DAAD)

Address for application information:

German Academic Exchange Service (DAAD)

950 Third Avenue

New York, New York 10022

1. Study Visit Research Grants for Faculty

Purpose of program: To sponsor research projects in Germany

Citizenship: United States

Level: Faculty members/ researchers

Field(s) supported: Unrestricted

Other requirements: At least 2 years teaching and/or research experience after PhD or equivalent

Number of awards: Variable

Duration of awards: 1 to 3 months

Application deadline: November 1

Stipend for 1993: DM 3,000 to DM 3,300 per month

Allowances and amounts: Monthly maintenance allowance and travel subsidy

2. Research Grants for Recent PhDs and PhD Candidates

Purpose of program: To sponsor dissertation or postdoctoral research

Citizenship: United States

Level: Dissertation, postdoctoral

Field(s) supported: Unrestricted

Other requirements: Age limits: Doctoral candidates-32 years; Postdoctoral candidates-35 years

Number of awards: Variable

Duration of awards: 2 to 6 months

Application deadline: November 1

Stipend for 1993: DM 1,555 per month

Allowances and amounts: Monthly maintenance allowance, possible domestic travel subsidy

3. DAAD-Fulbright Grants

Address for application information:

Fulbright advisor on campus, or

Institute of International Education

809 United Nations Plaza

New York, New York 10017

Purpose of program: To sponsor graduate studies at German universities, and research in connection with doctoral dissertation

Citizenship: United States

Level: Graduate, dissertation

Field(s) supported: Unrestricted

Other requirements: Good knowledge of German language required; age limit-32 years

Duration of awards: 1 academic year

Application deadline: October 31

Stipend for 1993: Monthly allowance, international travel, etc.

Information concerning the following may be obtained from the German Academic Exchange Service (DAAD): language courses; programs dealing with various aspects of political, economic and cultural life in modern-day Germany; fellowships for research in social, communal and intellectual history of German-speaking Jewry; grants for

studying the structure and function of German law; and visits by student groups to study specific German subjects and/or institutions.

GERMAN MARSHALL FUND OF THE UNITED STATES

Address for application information:

The German Marshall Fund of the United States
11 Dupont Circle, N.W.
Washington, D.C. 20036

Title of program: Research Fellowship Program

Purpose of program: To improve the understanding of significant contemporary economic, political, and social developments involving the United States and Europe; to assist established U.S. scholars at various stages in their academic careers.

Citizenship: United States citizens or permanent residents

Level: Postdoctoral or equivalent

Field(s) supported: Projects may focus on either comparative domestic or international issues.

Other requirements: Applicants must have completed all degree requirements by the time of application, and should have completed one or more research projects which have received critical review. The program will not support preparation for any degree. The following selection criteria are important: scholarly qualifications, achievements, and promise; originality and importance of the proposed work; contemporary relevance of the project; and likelihood of completing the proposed project during the Fellowship period.

Number of awards: Approximately 11

Duration of awards: 4 months to 1 year

Application deadline: November 15

Stipend for 1992-93: \$30,000

Allowances and amounts: \$2,000 for travel

JOHN SIMON GUGGENHEIM MEMORIAL FOUNDATION

Address for application information:

John Simon Guggenheim Memorial Foundation
90 Park Avenue
New York, New York 10016

Title of program: Fellowships

Purpose of program: To further the development of scholars and artists by assisting them to engage in research in any field of knowledge and creation in any of the arts, under the freest possible conditions and irrespective of race, color, or creed.

Citizenship: There are two annual competitions—one open to citizens and permanent residents of the United States and Canada, and the other to citizens and permanent residents of Latin America and the Caribbean.

Level: Postdoctoral

Field(s) supported: Any field of knowledge and creation in any of the arts.

Other requirements: These Fellowships are on an advanced professional level, awarded to men and women who have already demonstrated exceptional capacity for productive scholarship or exceptional creative ability in the arts.

Number of awards: About 175

Duration of awards: 1 year generally (not more than 12 months, or fewer than 6)

Application deadline: October 1 (United States and Canada); December 1 (Latin America and the Caribbean).

Stipend for 1992-93: About \$26,000 (average)

HEART AND STROKE FOUNDATION OF CANADA

Address for application information:

160 George Street, Suite 200
Ottawa, Ontario
Canada K1N 9M2

1. Research Scholarships

Purpose of program: To support individuals who have demonstrated ability for research and desire to undertake independent research in cardiovascular or cerebrovascular fields.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Cardiovascular or cerebrovascular fields

Other requirements: For tenure at Canadian universities only; applicant must be nominated by host institution.

Number of awards: 40

Duration of awards: 5 years

Application deadline: September

Stipend for 1992-93: \$42,015 to \$53,305

Allowances and amounts: \$1,500 travel allowance

2. Research Fellowships

Purpose of program: To provide funds for research development and training in the cardiovascular or cerebrovascular fields.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Cardiovascular and cerebrovascular fields

Number of awards: 70

Duration of awards: 2 years post PhD; 3 years post MD

Application deadline: November 15

Stipend for 1992-93: \$26,790 to \$42,585

Allowances and amounts: \$1,000 travel allowance

FANNIE AND JOHN HERTZ FOUNDATION

Address for application information:

Fannie and John Hertz Foundation

Box 5032

Livermore, California 94551-5032

Title of program: Fellowships

Purpose of program: To support graduate students in the applied physical sciences

Citizenship: United States

Level: Graduate

Field(s) supported: Engineering and applied physics, applied chemistry, applied mathematics; not joint PhD/Professional Degree programs.

Other requirements: During last two years of undergraduate study, a GPA of A- or better; a bachelor's degree by the time Fellowship tenure begins; attendance at one of 29 specified graduate schools.

Number of awards: About 25 per year

Duration of awards: 4 years, on average; 5 years maximum

Application deadline: October 24

Stipend for 1993-94: \$16,000

Allowances and amounts: \$8,000 to \$10,000

HOWARD HUGHES MEDICAL INSTITUTE

1. Howard Hughes Medical Institute Predoctoral Fellowships in Biological Sciences

Address for application information:

Fellowship Office

National Research Council

2101 Constitution Avenue

Washington, D. C. 20418

Purpose of program: To promote excellence in biomedical research by helping prospective researchers with exceptional promise obtain high-quality graduate education.

Citizenship: Unrestricted

Level: Graduate

Field(s) supported: Biochemistry, biophysics, biostatistics, cell biology and regulation, developmental biology, epidemiology, genetics, immunology, mathematical biology, microbiology, molecular biology, neuroscience, pharmacology, physiology, structural biology, virology

Other requirements: Fellowships are intended for students at or near the beginning of their graduate study toward a PhD or ScD degree in the designated fields. Those eligible at the time of application may be college seniors, college graduates with no or limited postbaccalaureate graduate study in the biological sciences, and first-year graduate students, or others who have completed a limited amount of graduate work, including individuals who are pursuing or who hold the MPH, MD, DDS, or DVM for support for work toward the PhD or ScD degree in the biological sciences listed above. Applicants whose primary language is not English are required to submit recent scores from the Test of English as a Foreign Language

(TOEFL). Fellows who are not citizens or nationals of the United States may study only at appropriate nonprofit U.S. institutions; Fellows who are U.S. citizens or nationals may study in the U.S. or abroad. All applicants must have scores from the Graduate Record Examinations (GRE) General Test; in addition, it is desirable that all applicants have scores from a GRE Subject Test in the field most closely related to their chosen area of graduate study.

Number of awards: 66

Duration of awards: Three years with option to extend for an additional two years

Application deadline: November

Stipend for 1993-94: \$14,000

Allowances and amounts: \$12,700 cost-of-education allowance in lieu of tuition and fees

2. Research Training Fellowships for Medical Students

Address for application materials:

Howard Hughes Medical Institute

Office of Grants and Special Programs

4000 Jones Bridge Road

Chevy Chase, Maryland 20815-6789

Purpose of program: To strengthen and expand the pool of medically trained researchers by enabling selected medical students with an interest in fundamental research to spend a year of intensive work at a research laboratory.

Citizenship: Unrestricted

Level: Graduate

Fields supported: Biochemistry, biophysics, biostatistics, cell biology and regulation, developmental biology, epidemiology, genetics, immunology, mathematical biology, microbiology, molecular biology, neuroscience, pharmacology, physiology, structural biology, and virology.

Other eligibility: Applicants must be enrolled in MD or DO degree programs in medical schools in the U.S. Students may apply during any year of their medical studies, but applications in the fourth year must defer graduation until completion of the fellowship year. The fellowships are not available to students enrolled in MD/PhD, PhD, or ScD programs or to holders of the PhD or ScD degree. Fellowship research must be conducted at an academic or not-for-profit research institution in the U.S., but not at the National Institutes of Health.

Number of awards: 60

Duration of awards: One year

Application deadline: Early December

Stipend for 1993-94: \$14,000

Allowances and amounts: \$4,500 research allowance; \$4,700 institutional allowance

3. Postdoctoral Research Fellowships for Physicians

Address for application information:

Howard Hughes Medical Institute

Office of Grants and Special Programs
4000 Jones Bridge Road
Chevy Chase, Maryland 20815-6789

Purpose of program: To support physician-scientists who are seeking additional research training with a view to becoming independent investigators when they assume faculty positions

Citizenship: Unrestricted

Level: Postdoctoral

Fields supported: Biochemistry, biophysics, biostatistics, cell biology and regulation, developmental biology, epidemiology, genetics, immunology, mathematical biology, microbiology, molecular biology, neuroscience, pharmacology, physiology, structural biology, and virology

Other eligibility: Applicants must have attained the first medical degree (MD, MD/PhD, MBBS, DO) no earlier than 1984. Prior to start of fellowship, applicant must have completed at least 2 years of postgraduate clinical training and must not have completed more than 2 years of fundamental research training. There are no citizenship requirements, but applicants who are not U.S. citizens must carry out their proposed research training at a U.S. institution and must have and maintain an appropriate visa. The Institute will not handle visa matters for applicants.

Number of awards: 25

Duration of awards: Three years

Application deadline: Early January

Stipend for 1993-94: \$35,000-\$55,000

Allowances and amounts: Annually, \$15,000 research allowance; \$12,000 institutional allowance

HUGHES AIRCRAFT COMPANY

Address for application information:

Hughes Aircraft Company
Corporate Fellowship and Rotation Programs
P.O. Box 80028 (C1/B168)
Los Angeles, California 90080-0028

Purpose of program: To enable young men and women to attain advanced degrees in engineering and scientific disciplines.

Types of programs: Work-Study Fellows attend a university near a Hughes facility in order to work between 20 and 36 hours per week for the company while studying part time. Full-Study Fellows attend a university distant from a Hughes facility and are on leave of absence from the company while studying full time.

Citizenship: United States

Field(s) supported: Electrical, computer, mechanical, systems, and aerospace engineering; computer science; applied mathematics; physics.

Duration of awards: 1 year (renewable as required)

Number of awards: Approximately 50

Stipend for 1992-93: Work-Study-\$3,000; Full-Study-\$12,000

Stipend for 1993-94: Undetermined at this time; however, will probably be the same as 1992-93.

Allowances and benefits: Educational expenses; salary for periods of work at Hughes; Hughes Employees' benefits; travel and relocation expenses.

1. Bachelor's Scholarship Program (Most awards are Work-Study)

Level: Undergraduate

Other requirements: 1. Upper Division standing or an AA degree with a major interest in the fields listed above; 2. overall grade-point average of at least 3.0 out of a possible 4.0 for work completed during first 2 years of undergraduate study; 3. ten to twelve weeks of full-time employment during the summer months prior to beginning of study in the fall. Work-Study Scholars attend one of the University of California or California State University campuses located in Southern California; the California Institute of Technology; the University of Southern California; or Loyola Marymount University.

Application deadline: March 15

Allowances and amounts: Tuition, books, miscellaneous academic fees.

2. Masters Fellowship Program (Work-Study or Full-Study)

Level: Graduate

Other requirements: 1. A Bachelor's degree in one of the fields listed above; 2. overall grade-point average of at least 3.0 out of a possible 4.0 or the equivalent upon graduation (emphasis is placed on electronics and related disciplines); 3. admission to graduate school without condition; 4. ten to thirteen weeks of full-time work prior to beginning graduate study on the fellowship. Most Work-Study Fellows attend one of the University of California or California State University campuses located in Southern California; the California Institute of Technology; the University of Southern California; or Loyola Marymount University.

Application deadline: For course work to begin with the fall term, spring graduates should submit applications by March 15, though earlier application is recommended. For MS Fellowship awards starting in January, completed applications should be submitted by September 15.

Allowances and amounts: Tuition, books, miscellaneous academic fees, stipend.

3. Doctoral Fellowship Program (Work-Study or Full-Study)

Level: Graduate

Other requirements: 1. A Master's degree or equivalent graduate study in one of the fields listed above; 2. academic standing in the top percentile of the class (minimum grade-point average in under-

graduate and graduate studies should be 3.5 out of 4.0 or the equivalent); 3. admission to an approved graduate school without condition; 4. qualified to pursue doctoral work in the field selected. Most Work-Study Fellows attend the University of California at Los Angeles, the University of Southern California, or the California Institute of Technology; Full-Study Fellows attend universities throughout the United States including the University of California at Berkeley; Stanford University; Massachusetts Institute of Technology; Cornell University; University of Arizona; University of Colorado; Georgia Institute of Technology; University of Illinois; University of Michigan; Purdue University and other major institutions. Note: Applicants with graduate study beyond the master's degree will be given special consideration for awards.

Application deadline: January 10

Allowances and amounts: Tuition, books, miscellaneous academic fees, stipend.

HUMAN FRONTIER SCIENCE PROGRAM ORGANIZATION (HFSP)

Address for application information:

20, place des Halles
67000 Strasbourg Cedex
France

1. Human Frontier Science Program--Long-Term Fellowships

Purpose of program: To promote, through international cooperation, basic research into the complex mechanisms of living organisms, including man, and to make results available worldwide: to encourage, early in their careers, researchers to play an important role in originating and pursuing creative research.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: 1) Basic research for the elucidation of brain functions. Priority areas are perception and cognition; movement and behavior; memory and learning; and language and thinking. 2) Basic research for the elucidation of biological functions through molecular level approaches. Priority areas are expression of genetic information; morphogenesis; molecular recognition and responses; and energy conversion.

Other requirements: Scientists have to be from one of the eligible countries to work in another country; candidates from non-eligible countries may apply for fellowships to work in any of the eligible countries which are all EC member states, U.S., Canada, Japan, Switzerland. Candidates must not start their fellowship later than 5 years after PhD and are not expected to move within the same country; HFSP fellowships cannot be held in the

same country where the candidate obtained his PhD.

Number of awards: 128 in 1992

Duration of awards: 1-2 years

Application deadline: 30 September

Stipend for 1993-94: Approximately \$44,000 per year.

Allowances and amounts: Travel and removal cost to and from host country; research expenses; travel expenses; living allowance; family allowance; and language training.

2. Human Frontier Science Program Short-Term Fellowships

Purpose of program: To promote through international cooperation basic research into the complex mechanisms of living organisms, including man, and to make results available worldwide; to encourage, early in their careers, researchers who are expected to play an important role in originating and pursuing creative research.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: 1. Basic research for the elucidation of brain functions. Priority areas are perception and cognition; movement and behavior; memory and learning; and language and thinking. 2. Basic research for the elucidation of biological functions through molecular level approaches. Priority areas are expression of genetic information; morphogenesis; molecular recognition and responses; and energy conversion.

Other requirements: Scientists have to be from one of the eligible countries to work in another country; candidates from non-eligible countries may apply for fellowships to work in any of the eligible countries which are all EC member states, U.S., Canada, Japan, Switzerland. Short-term fellowships are reserved for those who wish to work for a short period up to three months in another country to learn or develop new techniques or use instruments not available in their own country.

Number of awards: About 20 (in 1991).

Duration of awards: 2 weeks to 3 months

Application deadline: None

Stipend for 1993-94: Approximately \$60. per diem.

Allowances and amounts: Travel to and from host institute.

INDIAN HEALTH SERVICE

Address for application information:

Indian Health Service Scholarship Program
Twinbrook Metro Plaza, Suite 100
12300 Twinbrook Parkway
Rockville, Maryland 20852

1. Health Professions Preparatory Scholarship Program for Indians

Purpose of program: To provide financial support for Indian students to enroll in courses leading to baccalaureate degrees in preprofessional health disciplines.

Citizenship: United States

Eligible ethnic minority groups: American Indians, Alaskan Natives

Level: Undergraduate

Field(s) supported: Pre-accounting, pre-engineering, pre-medical technology, pre-nursing, pre-pharmacy, pre-physical therapy, pre-sanitation. Category emphasis changes annually.

Other requirements: Priority is given to students in their junior or senior years of college. Applicants must: 1) maintain good standing with their respective colleges; 2) be high school graduates or equivalent; 3) have capacity to complete a health professional course of study; 4) be enrolled full-time, or accepted for full-time enrollment, in a baccalaureate degree program in an eligible field.

Number of awards: Approximately 100 (new and renewal)

Duration of awards: Up to 2 years

Application deadline: Mid-May

Stipend for 1992-93: \$736 per month

2. Health Professions Scholarship Program

Purpose of program: To provide financial assistance to students enrolled in health professions and allied health professions programs.

Citizenship: United States

Eligible ethnic minority groups: American Indians, Alaskan Natives

Level: Undergraduate, graduate

Field(s) supported: Chemical dependency counseling (Masters level only), substance abuse services (Masters of Science in Management - MSM clinical psychology (PhD only), counseling psychology (PhD only), computer science (BS), dentistry, dietician (BS), engineering (civil, environmental and mechanical-BS), health education (Masters level only), medicine (allopathic and osteopathic), nurse practitioner (RNA, CNM, FNP), nursing (ADN, BSN, MSN), optometry, pharmacy (BS), physician assistant (BS), physical therapy, public health (MPH only), public health nutrition (Masters level only), radiologic technology, sanitarian (BS environmental health, environmental science and occupational safety and health), sonography, accounting (BS), para-optometric.

Other requirements: Applicant must: 1) be high school graduate or equivalent; 2) be enrolled, or accepted for enrollment, in a full-time study program leading to a degree in a nationally accredited health related professions school in the U.S. Awardees must enter into a service obligation for a minimum of 2 years to provide health services on completion of their health education program, i.e., for each year of scholarship support the

recipient must enter service in one of the following: Indian Health Service (may include assignment to a tribal health program); urban Indian organization assisted under Title V of Public Law (P.L.) 94-437; private practice in a designated health manpower shortage area addressing the health care needs of a substantial number of Indians; or a program conducted under contract entered into under the Indian Self Determination Act (P.L. 93-638).

Duration of awards: Up to 4 calendar years

Application deadline: Mid-May

Stipend for 1992-93: \$767 per month

Allowances and amounts: Tuition and required fees; \$300 for travel

INSTITUTE FOR ADVANCED STUDY

Address for application information:

Administrative Officer of specific school

Institute for Advanced Study

Olden Lane

Princeton, New Jersey 08540

Title of program: Postdoctoral Study

Purpose of program: To provide opportunity for postdoctoral research for scholars of unusual ability and achievement

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: The School of Historical Studies is concerned generally with the history of western and near eastern civilization, emphasizing in particular Greek and Roman civilization, Islamic Culture, and the history of art; School of Mathematics-pure mathematics; School of Natural Sciences-theoretical physics in the fields of particle physics, field theory, astrophysics, and theoretical biophysics; School of Social Science-multidisciplinary, comparative and international approach to historical and contemporary problems.

Number of awards: 150-160

Duration of awards: Generally for the academic year; occasionally for one term

Application deadline: October 15 for Historical Studies; December 1 for Mathematics and Social Science; December 15 for Natural Sciences.

Stipend: Varies according to school and seniority of visiting member.

Allowances and amounts: Some travel allowances.

INSTITUTE OF INTERNATIONAL EDUCATION

1. Fulbright Grants

Address for application information:

U.S. Student Programs Division

Institute of International Education

809 United Nations Plaza

New York, New York 10017-3580

Title of Program: Fulbright Grants

Purpose of Program: To enable the government of the United States to increase mutual understanding between the people of the U.S. and the people of other countries through the exchange of persons, knowledge, and skills.

Citizenship: United States

Level: Graduate

Field(s) Supported: Open to all fields of study where conditions permit.

Other Requirements: B.A. or equivalent by the beginning of date of the grant; proficiency in the language of the country of application sufficient to carry out proposed study or research; good health.

Number of awards: Approximately 600

Duration of awards: One academic year

Application deadline: October 31

Stipend for 1992-93: Varies

Allowances and amounts: Grants are calculated on the costs of travel to and from and the cost of living in the host country. Also included, settling-in allowances, tuition waivers, if applicable.

2. Hubert H. Humphrey Fellowship Program

Address for application information:

Note: Applications are received from and submitted to United States Information Service Posts (usually within American Embassy) or Fulbright Commissions within the candidates home countries.

Purpose of program: To provide mid-career professionals from developing countries (including selected European countries) with a year of study and related professional experience, and to provide them with a shared experience of American society and culture, and exposure to current approaches to the fields in which they work. **Citizenship:** Citizens of developing countries, including selected Eastern European and CIS countries.

Level: Graduate; however the level of education of participants varies from bachelor's degree to PhD or MD.

Field(s) supported: Natural Resources and Environmental Management; Public Policy Analysis and Public Administration; Economic Development; Agricultural Development/Agricultural Economics; Finance and Banking; Human Resource Management/Personnel; Urban and Regional Planning; Public Health Policy and Management; Technology Policy and Management; Educational Planning; and Communications/Journalism.

Other requirements: Candidates must apply from within their home country. Minimum qualifications include an undergraduate degree, five years of substantive professional experience (within home country immediately prior to award), demonstrated leadership qualities, and fluency in English (TOEFL scores required).

Number of awards: Approximately 140 each year

Application deadline: Dependent upon country.

Allowances and amounts: Fellowships include travel, tuition, medical coverage and monthly stipend.

INTERNATIONAL ATOMIC ENERGY AGENCY (IAEA)

Address for application information:

The atomic energy establishment of the applicant's country

Title of program: IAEA Fellowship Program

Purpose of program: To train the necessary personnel to undertake the development of nuclear energy applications for peaceful purposes in their own countries.

Citizenship: Citizens of economically developing countries, countries that are members of the United Nations, or of one of the specialized agencies, or of the IAEA.

Level: Graduate, postdoctoral, or equivalent of graduate in technical training or experience.

Field(s) supported: Peaceful uses of nuclear energy: agriculture, medicine, biology, hydrology, industry, engineering and technology, and safety in nuclear energy.

Other requirements: Applicant must be a non-U.S. national who is a scientist, technologist, teacher or administrator in some aspect of nuclear science; have English language competence, and suitable professional background. Needs of the country concerned, number of fellowships previously awarded to nationals of that country, and evidence and assurance that the Fellow's training will be effectively utilized for two years on his/her return home, will be considered.

Number of awards: 75-90 new awards

Duration of awards: Approximately 3 to 12 months

Application deadline: No established deadlines

Stipend for 1992: \$810 to \$1,580 per month

Allowances and amounts: Book allowance (\$60 per month), health insurance, international travel (round trip to U.S. and return), research and tuition fees (if any).

INTERNATIONAL RESEARCH & EXCHANGES BOARD (IREX)

Address for application information:

International Research & Exchanges Board
1616 H Street, N.W.

Washington, D.C. 20006

1. Edmund S. Muskie Fellowship Program

Purpose of program: Grants to citizens of the countries of Azarbaijan, the Baltics, Georgia, and the Commonwealth of Independent States for graduate study in the United States in law, public

administration, economics, and business administration.

Level: Graduate

Fields supported: Law, public administration, economics, and business administration only

Other eligibility: Applicants must take TOEFL plus GRE, GMAT, or LSAT as appropriate; be under 40 years of age; lack of alternate funding in the United States; hold an undergraduate degree; know English.

Number of awards: 150 in 1992-93 academic year

Duration of awards: Up to two years

Application deadline for 1994: Fall 1993

Stipend: Stipend, tuition, room, board, international transportation, domestic transportation in the United States, and health insurance.

2. Developmental Fellowships

Purpose of program: To prepare scholars for eventual field research in Azerbaijan, the Baltics, Eastern Europe, Georgia, and the Commonwealth of Independent States. Preference is given to under-represented disciplines, development of competence in under-studied geographic areas, and/or development of dual area competence.

Citizenship: United States citizen or permanent resident

Level: Advanced doctoral candidacy, postdoctoral

Fields supported: Preference for scholars in fields such as archaeology, anthropology, business, economics, geography, demography, law, musicology, political science, psychology, sociology, and other fields underrepresented in American research on the region.

Other eligibility: All successful Developmental Fellows should expect to apply for a subsequent IREX exchange grant to undertake research in the region. These fellowships are intended for training within the United States. No support is given for routine graduate course work or dissertation research.

Number of awards: 19 for the 1992-93 academic year

Duration of awards: 3 to 24 months

Application deadline: February 15

3. Individual Advanced Research Opportunities for US scholars in Azerbaijan, the Baltics, the Commonwealth of Independent States, and Georgia

Purpose of program: Placement and access for advanced predoctoral and postdoctoral scholars at institutions in Azerbaijan, the Baltics, Georgia, and the Commonwealth of Independent States, depending on research needs.

Citizenship: United States citizen or permanent resident

Level: Advanced doctoral candidacy and postdoctoral

Fields supported: All fields eligible; priority given

to humanities and social sciences.

Other eligibility: Command of language of host country sufficient for research; affiliation with US university as faculty member or advanced doctoral candidate.

Number of awards: 60 for the 1992-93 academic year

Duration of awards: 2 to 12 months

Application deadline: November 1, 1992 for participation during academic year 1993-94

Stipend: Stipend in lieu of salary

Allowances and amounts: Round-trip transportation, lodging and local costs, research allowance

4. Individual Advanced Research Opportunities for US Scholars in Eastern Europe

Purpose of program: Long-term research placement and access for predoctoral and postdoctoral scholars at institutions in Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Romania, and the former Yugoslav Republics

Citizenship: United States citizen or permanent resident

Level: Advanced doctoral candidacy, postdoctoral

Other eligibility: Exchange applicants in modern foreign languages and area studies must apply simultaneously for Department of Education Fulbright-Hays grants

Number of awards: 55 grants for 1992-93

Application deadline: November 1 for following year

Stipend: All grantees receive a dollar stipend prior to departure; graduate students receive a monthly allowance; salaried participants receive up to one-half salary pro-rated for the grant period

Allowances and amounts: Host country will provide stipend in local currency, book and photocopy allowance, housing for the participant and family (except in the former Yugoslav republics, where a nominal housing allowance is supplemented by IREX), free medical care; international transportation; allowances for passport, visa fees, and excess baggage expenses; married grantees with family accompanying for four or more months receive a contribution for family airfare; graduate students in this category also receive a family maintenance allowance.

5. Individual Advanced Research Opportunities in the United States for Scholar from Azerbaijan, the Baltics, Commonwealth of Independent States, and Georgia

Purpose of program: Long-term and short-term research placement and access for predoctoral and postdoctoral scholars at institutions in the United States, depending on project needs.

Citizenship: Countries of Azerbaijan, the Baltics, Georgia, or the Commonwealth of Independent States

Level: Advanced predoctoral and postdoctoral

Other eligibility: Candidate of Science degree; command of English sufficient for research; affiliation with university or research institution

Number of awards: 65 for 1991-92

Duration of awards: Under negotiation

Application deadline: Under negotiation

Stipend: Under negotiation

6. Individual Advanced Research Opportunities in the US for Scholars from Eastern Europe

Purpose of program: Long-term research placement and access for predoctoral and postdoctoral scholars from institutions in Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Romania, and the former Yugoslav Republics

Citizenship: Albania, Bulgaria, Czechoslovakia, Hungary, Poland, Romania, and the former Yugoslav Republics

Level: Advanced doctoral candidate and postdoctoral

Fields supported: Open to scholars from all fields

Other eligibility: Command of English sufficient for advanced academic research; normally, affiliation with a university or research institution as a faculty member or advanced doctoral candidate.

Number of awards: 65 for 1992-93

Application deadline: varies

Allowances and amounts: From sending country: international transportation; from IREX: housing for participant and family (except scholars from the former Yugoslav Republics who receive a normal housing supplement); stipend, book and photocopy allowance, research funds; domestic travel for participants; medical insurance for participants.

INTERNATIONAL UNION AGAINST CANCER

Address for application information:

International Union Against Cancer

3, rue du Conseil-General

1205 Geneva, Switzerland

Citizenship: Unrestricted

1. American Cancer Society International Cancer Research Fellowships

Purpose of program: To work in collaboration with outstanding scientists abroad on original projects in the basic, clinical, or behavioral areas of cancer research.

Level: Open to highly qualified and recognized senior investigators who have been actively engaged in cancer research for at least five years.

Number of awards: Approximately 15

Duration of awards: Minimum of 6 and maximum of 12 months.

Application deadline: October 1

Allowances and amounts: Average award value: US\$30,000. Stipends are based on the candidates' cost estimates and adjusted to UICC scales. Allowances are made for a spouse and 2 children

under 18, if they accompany the Fellow for a minimum of 6 months. A contribution is made towards least expensive international return travel for the Fellow and all eligible dependents.

2. Yamagiwa-Yoshida Memorial International Cancer Study Grants

Purpose of program: To establish bilateral research projects which exploit complementary materials or skills, including advanced training in experimental methods and special techniques.

Level: Open to experienced and scientifically or medically qualified investigators who are actively engaged in cancer research.

Number of awards: Approximately 15

Duration of awards: Periods between 1 and 3 months; extendable by original duration

Application deadline: January 1 and July 1

Allowances and amounts: Average grant value: US\$8,000. Grants comprise contributions toward living expenses for up to 3 months and least expensive international return travel. No support for dependents.

3. International Cancer Technology Transfer Fellowships (ICRETT)

Purpose of program: To go abroad to learn or to teach up-to-date research techniques, to transfer appropriate technology, or to acquire advanced expertise in clinical management, diagnostic, and therapeutic skills.

Level: Open to scientifically or medically qualified cancer investigators and clinicians who are actively engaged in cancer research or clinical oncology practice.

Number of awards: Approximately 120

Duration of awards: Up to 3 months

Application deadline: Applications may be submitted at any time.

Allowances and amounts: Average award value: US\$2,800. Awards comprise contributions towards living expenses for up to 1 month and least expensive international return travel. Home and/or host institutes are encouraged to provide living expenses for longer periods. No support for dependents.

W.K. KELLOGG FOUNDATION

Address for application information:

The Kellogg National Fellowship Program

W.K. Kellogg Foundation

P.O. Box 5196

Battle Creek, Michigan 49016-5196

Title of program: National Fellowship Program

Purpose of program: To foster the development of effective and broad leadership skills and abilities.

Citizenship: United States

Level: Candidates must be in the early years of their careers and have exhibited leadership

potential. Candidates are judged on the basis of emerging leadership rather than on academic accomplishments. Awards are not given for research or academic degree study.

Field(s) supported: All fields; special emphasis on agriculture, education, health, and leadership.

Number of awards: Up to 50

Duration of awards: 3 years.

Application deadline: December 15

Grant for 3 year period: \$35,000

Allowances and amounts: 12 1/2% of salary (up to a limit) to employer.

KENNEDY MEMORIAL TRUST

Address for application information:

Kennedy Memorial Trust

16 Great College Street

London SW1P 3RX

England

Title of program: Kennedy Scholarships (The British national memorial to President John F. Kennedy)

Purpose of program: To provide opportunity for postgraduate study at Harvard University or Massachusetts Institute of Technology.

Citizenship: United Kingdom

Level: Graduate

Field(s) supported: Unrestricted

Other requirements: Candidates must: 1) be British citizens at the time of application who are resident in the United Kingdom or have been wholly or mainly educated there; 2) have graduated not more than 3 years before the year of the scholarship from a United Kingdom university, university college or polytechnic; or 3) be currently studying for a first or higher degree and have spent two of the last five years at their university, college or polytechnic and will have graduated prior to taking up a scholarship. Qualities of personal character as well as intellectual attainment and promise will be considered. Preference will be given to candidates who intend to pursue social or political studies, interpreted in the widest sense.

Number of awards: Up to 12

Duration of awards: 1 year; 2 years exceptionally

Application deadline: End of October

Stipend for 1993-94: At least \$11,500

Allowances and amounts: Travel, tuition, health benefits

LALOR FOUNDATION

Address for application information:

Lalor Foundation

Building C-100F

3801 Kennett Pike

Wilmington, Delaware 19807

Title of program: Research Awards

Purpose of program: To promote intensive research in the areas indicated and to assist and encourage able young investigators in academic positions to follow research careers in mammalian reproductive physiology.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Mammalian reproductive physiology and biochemistry for yielding improved methods of sterilization, contraception and/or termination of pregnancy.

Other requirements: Candidate must have earned a doctoral degree (younger people who have held the doctorate for less than 5 years are preferred). The institution proposed for research must be tax-exempt.

Number of awards: 15

Duration of awards: 1 year

Application deadline: January 15

Stipend for 1993-94: Up to \$20,000 (grants may range up to \$20,000; this must cover stipend, overhead, laboratory and miscellaneous expenses; institutional overhead may not exceed 8%).

LATIN AMERICAN SCHOLARSHIP PROGRAM OF AMERICAN UNIVERSITIES (LASPAU)

Address for application information:

LASPAU

25 Mt. Auburn Street

Cambridge, Massachusetts 02138

Title of program: Scholarships

Purpose of program: To upgrade the teaching, research, technical-assistance, and administrative staffs of universities and development-related institutions in Latin America and the Caribbean.

Citizenship: Latin American and Caribbean nationals

Level: Graduate, principally

Field(s) supported: All fields of study with the exception of professional-degree programs in medicine and veterinary medicine

Other requirements: Scholarship recipients must be nominated by participating institutions that guarantee their re-employment upon completion of program. Tenable only at U.S. and Caribbean institutions.

Number of awards: Approximately 350 per year

Duration of awards: 1 to 4 years (length of academic program plus English language training)

Application deadline: June

Stipend for 1993-94: Approximately \$12,000 per year (including insurance and educational-materials allowance)

Allowances and amounts: Monthly maintenance rate depends on location of studies; allowances for

educational materials, conference attendance, research expenses, thesis preparation, medical insurance.

MARSHALL AID COMMEMORATION COMMISSION

Address for application information:

Mid-Eastern Region:

British Embassy
Cultural Department
3100 Massachusetts Avenue, N.W.
Washington, D.C. 20008

Mid-Western Region:

British Consulate-General
33 North Dakota Street
Chicago, Illinois 60602

North-Eastern Region:

British Consulate-General
25th Floor
Federal Reserve Plaza
600 Atlantic Avenue
Boston, Massachusetts 02210

Southern Region:

British Consulate-General
Suite 2700
Marquis One Tower
245 Peachtree Center Avenue
Atlanta, Georgia 30303

Pacific Region:

British Consulate-General
1 Sansome Street
San Francisco, California 94104
or

Reference Division
British Information Services
845 Third Avenue
New York, New York 10022

Title of Program: British Marshall Scholarships

Purpose of Program: To enable young Americans of high ability to study for a degree at a British University.

Citizenship: United States

Level: Graduate

Field(s) Supported: Unrestricted

Other Requirements: Aged not more than 26 years by October 1 of the year in which the award is made; be a graduate of (or about to graduate from) a 4-year college of university in the U.S.A.; and have maintained, after the Freshman year, a GPA of 3.7 (A-) or better.

Number of awards: 40

Duration of awards: 2 years with possible extension for third year

Application deadline: October 12

Allowances and amounts for 1993-94: About £12,500 which includes payment of tuition fees; residence and cost of living expenses; travel to and

from the United States; and, grant for books, thesis preparation, and approved travel in connection with studies. Allowance for dependent spouse may be provided.

MATHEMATICAL SCIENCES RESEARCH INSTITUTE

Address for application information:

Mathematical Sciences Research Institute
1000 Centennial Drive
Berkeley, California 94720

Title of program: Mathematical Sciences Research Institute Research Positions

Purpose of program: To provide opportunities for mathematical research.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: All fields in the mathematical sciences

Other requirements: Applicant must be no more than five years beyond the PhD; positions tenable only at the Institute.

Number of awards: Approximately 20

Duration of awards: 1 year

Application deadline: November 30

Stipend for 1993-94: \$30,000

Allowances and amounts: Travel allowance, limited to \$500 for U.S. applicants; can be higher for foreign applicants.

MEDICAL RESEARCH COUNCIL OF CANADA

Address for application information:

Medical Research Council of Canada
Tower B, 5th Floor
1600 Scott Street
Ottawa, Ontario
CANADA K1A 0W9

1. Fellowships

Purpose of Program: Fellowship awards for research training are offered in order to maintain the supply of independent investigators in the health sciences in Canada.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Basic, applied, and clinical research in Canada in the health sciences.

Other requirements: Fellowships must be held in Canada.

Duration of awards: 1 to 5 years depending on degrees held.

Application deadline: April 1 and November 15

Stipend for 1992-93: \$26,790-\$42,585 depending on years of experience.

Allowances and amounts: Research and travel allowance: \$1,800 the first year and \$1,300

thereafter.

2. Dental Fellowships

Purpose of Program: This program is intended to provide training for Dental Fellows in order to increase the number of dental clinician-teachers well-versed in research methods and capable of independent research work.

Citizenship: Canadian citizens or permanent residents of Canada

Level: Individuals with a DDS degree (or equivalent)

Fields supported: Dental health sciences

Duration of awards: Up to 5 years

Application deadline: January 1

Stipend for 1992-93: \$27,100-\$42,585 depending on years of experience.

Allowances and amounts: Research and travel allowance: \$1,800 the first year and \$1,300 thereafter.

3. Centennial Fellowships

Purpose of Program: Offered for full-time training in the health sciences to candidates of special academic distinction who wish to broaden their fields of interest.

Citizenship: Canadian citizens or permanent residents of Canada

Level: Postdoctoral

Fields supported: Basic, applied, and clinical research in Canada in the health sciences.

Duration of awards: 1 to 3 years

Application deadline: November 15

Stipend for 1992-93: \$37,420-\$44,520 depending on degree and years of experience.

Allowances and amounts: Research and travel allowance: \$3,850 the first year and \$3,350 thereafter.

4. Studentships

Purpose of Program: Offered to highly qualified graduate students who are undertaking full-time training in research in the health sciences leading to an MSc or PhD degree (or the equivalent).

Citizenship: Primarily for Canadian citizens or permanent residents of Canada, but in exceptional cases awards will be made to foreign applicants wishing to pursue study at a Canadian university.

Level: Graduate

Fields supported: Basic, applied, and clinical research in Canada in the health sciences.

Duration of awards: Up to 5 years

Application deadline: December 1

Stipend for 1992-93: \$15,295

Allowances and amounts: Research and travel allowance: \$700 the first year and \$400 thereafter.

MINORITY ACCESS TO RESEARCH CAREERS (MARC) PROGRAM

Address for application information:

MARC Program

National Institute of General Medical Sciences

National Institutes of Health

Westwood Building, Room 950

Bethesda, Maryland 20892

1. Honors Undergraduate Research Training Grants

Purpose of program: To prepare undergraduate students to compete successfully for entry into graduate programs leading to a PhD in a biomedical science.

Citizenship: United States citizens or U.S. permanent residents

Eligible ethnic minority groups: American Indians, Blacks, Hispanics, Pacific Islanders

Level: Undergraduate

Field(s) supported: Biology, chemistry, physics, psychology, computer science, mathematics (with biology or chemistry)

Other requirements: Program offers grants to four-year colleges and universities with substantial enrollment of ethnic minorities in a state, the District of Columbia, Puerto Rico, the Virgin Islands, the Canal Zone, Guam, American Samoa, or United States Trust Territories of the Pacific Islands.

Number of awards: 63

Duration of awards: 5 years

Application deadline: September 10, January 10, May 10

Stipend for 1993-94: \$6,732

Allowances and amounts: Full tuition and fees, travel to a national meeting, faculty release time and other trainee related expenses.

2. Predoctoral Fellowships

Purpose of program: To support entry of selected graduates of the MARC undergraduate research training programs into graduate biomedical research training leading to the PhD or MD/PhD degree.

Citizenship: United States citizens or U.S. permanent residents

Eligible ethnic minority groups: American Indians, Blacks, Hispanics, Pacific Islanders

Level: Graduate

Field(s) supported: Biomedical sciences

Other requirements: Acceptance into a specified PhD program in biomedical science or a combined MD/PhD program

Number of awards: 98

Duration of awards: 3 to 5 years

Application deadline: September 10, January 10, May 10

Stipend for 1993-94: \$8,800

Allowances and amounts: Full tuition and fees; \$2,000 institutional costs

3. Faculty Fellowships

Purpose of program: To provide advanced research training for selected faculty members of

4-year colleges, universities and health professional schools with substantial minority enrollment.

Citizenship: U.S. citizen or U.S. resident

Level: Graduate, postdoctoral

Field(s) supported: Biology, chemistry, genetics, microbiology, pharmacology, biophysics, physiology, psychology, biostatistics, toxicology.

Other requirements: Applicant must be a full-time faculty member; letter of nomination from minority institution official required.

Duration of awards: 1 to 3 years

Application deadline: September 10, January 10, May 10

Stipend for 1993-94: \$25,000

Allowances and amounts: \$3,000 institutional costs

4. Visiting Scientist Fellowships

Purpose of program: To strengthen research and teaching programs for the benefit of students and faculty at minority institutions by drawing upon the special talents of scientists from other institutions.

Citizenship: U.S. citizen or U.S. resident

Level: Senior scientists

Field(s) supported: Appropriate disciplines and research at the minority institution.

Other requirements: Joint proposal prepared by minority institution and designated scientist.

Duration of awards: 3 months to 1 year

Application deadline: September 10, January 10, May 10

Stipend for 1993-94: Current salary

Allowances and amounts: Round trip travel between visiting scientist's home institution and sponsoring institution, and \$3,000 institutional costs.

NATIONAL ACADEMY OF EDUCATION

Address for application information:

National Academy of Education
School of Education - CERAS 507
Stanford University

Stanford, California 94305-3084

Title of program: Spencer Post-Doctoral Fellowship Program

Purpose of program: To promote scholarship in the U.S. and abroad on matters relevant to the improvement of education in all of its forms.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Education, humanities, social and behavioral sciences; the research must be relevant to the improvement of education.

Other requirements: In the 1993/94 program applicants must have received their PhD, EdD, or equivalent degree between January 1, 1988 and January 1, 1994.

Number of awards: up to 30 per year

Duration of awards: 1 academic year at full-time or 2 academic years at half-time

Application deadline: January 2

Stipend for 1994-95: \$35,000 for one academic year of research, or \$17,500 for each of two contiguous years, working half-time

NATIONAL ACADEMY OF SCIENCES/ NATIONAL RESEARCH COUNCIL

Address for application information:

National Academy of Sciences
Office for Central Europe and Eurasia
2101 Constitution Avenue
Washington, D.C. 20418

Title of program: United States - Central Europe and Eurasia Joint Scientific Initiatives

Purpose of program: Short-term project development visits are intended to provide American scientists with opportunities to work with their foreign counterparts to develop funding proposals for submission to the National Science Foundation or other funding organizations; long-term research visits are intended to facilitate exchanges and collaborations that will lead to significant scientific publications jointly authored by U.S. and foreign colleagues.

Citizenship: American specialists must be U.S. citizens or those who will obtain U.S. citizenship at least six months prior to the requested beginning date of their programs; visiting specialists must hold CEE citizenship.

Level: American applicants must hold Ph.D. or equivalent research experience at least 6 months prior to the requested beginning date of their programs; CEE applications must hold a Ph.D. (kandidat) degree, or research training and experience equivalent to a doctoral degree, at least six months prior to the requested beginning date of their programs.

Other eligibility: American applicants are expected to make all logistical and administrative arrangements directly with their CEE colleague; specialists who have received their doctoral degree within the past six years are strongly encouraged to apply.

1. Cooperation in Applied Science and Technology (CAST)

Purpose of program: To support American specialists who wish to host and assist scientists and engineers from the former Soviet Union who have been involved in defense-related research in applying their skills to civilian activities.

Fields supported: Applied mathematics/statistics, control theory, computer science, aeronautics, applied physics, materials science, nuclear science, electronics, chemistry, microbiology, virology, and all branches of engineering. Although priority will be given to NIS specialists in defense-related fields,

other fields or specialists not previously engaged in defense work will be considered on a case-by-case basis.

Other eligibility: Participating countries: NIS (Armenia, Azerbaijan, Belarus, Georgia, Kazakhstan, Kyrgyzstan, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan); successful applications will set forth mutual benefits to the U.S. and to the NIS, such as prospects for longer-term collaboration, commercial opportunities, or improvements in livelihood and quality of life; all visits must commence in calendar year 1993.

Number of awards: Variable

Duration of Award: 9 months

Stipend: \$11,100 in 1993

2. Collaboration in Basic Science and Engineering (COBASE)

Other eligibility: Participating countries: Azerbaijan, Armenia, Belarus, Bosnia, Bulgaria, Croatia, Czech Republic, Estonia, Georgia, Hungary, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Macedonia, Moldova, Poland, Romania, Russia, Slovakia, Slovenia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan

Fields supported: Agricultural, forestry, fishery and plant sciences; environmental sciences; archaeology and anthropology; geography; biological sciences; history and philosophy of science; chemistry; mathematics; computer science; physics; earth sciences; psychology; engineering; and science and technology policy. Proposals in the economic and social sciences that involve development of new analytical methods will be considered on a case-by-case basis.

Number of awards: Variable

Duration of awards: Short-term project development grants: 2 weeks; Long-term research grants: 1 to 6 months

Application deadline: In 1993: February 28; June 25; December 10

Stipend: \$2,000 - \$2,200 for short-term; \$3,600 - \$12,000 for long-term

3. Radioactive Waste Management Program

Purpose of program: Support American specialists who wish to host their colleagues from the former Soviet Union for a period of six to nine months for research on managing radioactive waste.

Other eligibility: Participating countries: Armenia, Azerbaijan, Belarus, Estonia, Georgia, Kazakhstan, Kyrgyzstan, Latvia, Lithuania, Moldova, Russia, Tajikistan, Turkmenistan, Ukraine, and Uzbekistan; funds to be used in academic year 1993.

Fields supported: Policy and practices regarding environmental remediation and control of materials contaminated by radioactive and other hazardous waste; research directed at improving the effectiveness, economics, safety, and public acceptability of

methods of handling, storing, and permanently disposing of radioactive and associated hazardous waste; analyses and investigations related to waste partitioning to facilitate permanent disposal; and analyses and investigations related to geological disposal of wastes.

Application deadline: Postmark deadline 1993: February 28

Stipend: \$7,000 - \$21,000

NATIONAL ACHIEVEMENT SCHOLARSHIP PROGRAM FOR OUTSTANDING NEGRO STUDENTS

Address for application information:

Contact High School Guidance Counselor

Title of program: Scholarships

Purpose of program: To honor and assist academically able Black high school students.

Eligible ethnic minority groups: Black Americans

Citizenship: United States

Level: Undergraduate

Other requirements: To enter the competition, high school students take the Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT), usually in the junior year, request consideration, and meet participation requirements. Information about the Achievement Program may be found in the PSAT/NMSQT Student Bulletin, distributed by guidance personnel to students who will take the PSAT/NMSQT administered by high schools in October.

Number of awards: Approximately 600

Duration of awards: About two thirds of the awards are for one year; the others are renewable for each of the four college years.

Stipend for 1993-94: \$2,000 one-time awards, and four-year scholarships that provide between \$250 and \$2,000 or more annually.

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION (NASA)

1. NASA Graduate Student Fellowships in Global Change Research

Address for application information:

NASA/Headquarters

Mail Code SE

Washington, D.C. 20546

Purpose of program: To train the next generation of earth scientists and engineers to help analyze, interpret and manage the wealth of data and information generated during the Earth Observing System era, in support of the U.S. Global Change Research Program.

Citizenship: Unrestricted

Level: Graduate students working toward PhD

Field(s) supported: Climate and hydrologic systems (including tropical precipitation), ecological systems and dynamics, biogeochemical dynamics, solid Earth processes, human interactions, solar influences, and data and information systems. Atmospheric chemistry and physics, ocean biology and physics, ecosystem dynamics, hydrology, cryospheric processes, geology, and geophysics are all acceptable areas of research, provided that the specific research topic is relevant to NASA's global change research efforts including the Earth Observing System, the Tropical Rainfall Measuring Mission, and Mission to Planet Earth.

Other requirements: Applicants must be admitted to or already enrolled in a full-time PhD program at accredited U.S. universities. Preference is given to U.S. citizens, but foreign nationals enrolled in or accepted to U.S. universities may apply.

Number of awards: 40 to 50 each year

Duration of awards: 1 year, may be renewed annually up to 2 additional years.

Application deadline: April

Stipend for 1992-93: \$20,000 per year

Allowances and amounts: \$2,000 is available by request for faculty advisor's use in support of student's research.

2. Graduate Student Researchers Program

Address for application information:

NASA/Headquarters

Code FEH

Washington DC 20546

Purpose of program: To support graduate students pursuing advanced degrees in science and engineering

Citizenship: United States

Level: Graduate

Fields supported: Science and engineering fields related to space

Other eligibility requirements: Must be full-time graduate students at a U.S. university

Duration of awards: 3 years

Application deadline: February 1

Stipend for 1993-94: \$16,000

Allowances and amounts: \$3,000 student allowance, \$3,000 university allowance

a. Graduate Student Researchers Program (GSRP)

Number of awards: 80

b. Graduate Student Researchers Program Underrepresented Minority Focus

Eligible ethnic minority groups: Blacks, American Indians, Hispanics, Pacific islanders, and individuals with disabilities that limit major life activity

Other eligibility requirements: Historically Black College or University students are not eligible.

Number of awards: 50

3. National Space Grant College and Fellowship Program

Address for application information:

Dr. E. Julius Dash

NASA Headquarters

Mail Code FEH

Washington, DC 20546

Purpose of program: To provide support for undergraduate and graduate students involved in aeronautics and space, science, and engineering research. In addition, the program intends to establish a national network of universities with interests and capabilities in aeronautics, space and related fields; to encourage cooperative programs among universities, aerospace industry and federal, state and local governments; to encourage interdisciplinary training, research and public service programs related to aerospace; to recruit and train professionals, especially women, underrepresented minorities and persons with disabilities, for careers in aeronautics and space-related science and engineering; and to develop a strong science, mathematics, and technology education base from elementary through university levels.

Citizenship: United States

Level: Graduate, Undergraduate

Fields supported: All aeronautics and space-related fields

Number of awards: Varies; about 600 in 1992 (awardees competitively selected by 52 Space Grant State Consortia Committees)

Duration of awards: Varies

Application deadline: Varies from consortium to consortium

Allowances and amounts: Varies from consortium to consortium

4. Cooperative Education Program

Address for application information:

NASA Headquarters, Code FPP, Agency Personnel Policy Branch, Washington DC 20546

Purpose of program: To provide college students with professional work experience related to their major fields of study, and to serve as a feeder program into entry-level positions with NASA, especially in science and engineering

Citizenship: United States citizen or permanent resident who will become a U.S. citizen by graduation time

Level: Undergraduate, Graduate

Fields supported: Engineering, applied science, and mathematics; some positions in administrative and technical support also available.

Number of awards: varies

Duration of awards: Students begin the program after their freshman year and can work up to three months after graduation or completion of degree requirements.

Stipend: Students are paid under the General Schedule (GS) Federal pay system and are hired at grades GS-1 through GS-9 according to their level of education and the level of difficulty of the work that will be performed.

Allowances and amounts: Paid vacations, holidays and sick leave; major medical, dental, and life insurance; in some installations, possible training and tuition assistance and payment for transportation between school and work site.

NATIONAL CONSORTIUM FOR GRADUATE DEGREES FOR MINORITIES IN ENGINEERING AND SCIENCE (GEM)

Address for application information:

GEM

Box 537

Notre Dame, Indiana 46556

Title of program: GEM Fellowship Programs

Purpose of program: To increase the pool of minority students who receive graduate degrees annually in engineering and science.

Citizenship: United States

Eligible ethnic minority groups: Black Americans, American Indians, Mexican-Americans, Puerto Ricans

Level: Graduate

Application deadline: December 1 annually

1. Master's Degree in Engineering

Field(s) supported: All accredited engineering disciplines

Other requirements: Applicant must have attained at least junior year status in an engineering program. Awardees are required to: 1) attend a GEM Master's Program member university and 2) intern at a member employer location during the summer.

Number of awards: 222

Duration of awards: 3 semesters/4 quarters

Stipend for 1992-93: \$6,000 per academic year

Allowances and amounts: All tuition and fees

2. PhD Degree in Engineering

Field(s): All accredited engineering disciplines

Other requirements: Applicants must have or be in the process of attaining a master's degree. Awardees are required to attend a GEM PhD Engineering Program member university.

Number of awards: 20

Duration of awards: 3-5 years

Stipend for 1992-93: \$12,000 per calendar year

Allowances and amounts: All tuition and fees

3. PhD Degree in Natural Science

Field(s): Natural Science disciplines

Other requirements: Applicant must have attained at least junior year status in an accredited science discipline. Awardees are required to: 1) attend a GEM PhD Science Program member university and

2) intern at a member employer location during at least one summer prior to or during the graduate program.

Number of awards: 25

Duration of awards: 3 to 5 years

Stipend for 1992-93: \$12,000 per calendar year

Allowances and amounts: All tuition and fees

NATIONAL ENDOWMENT FOR THE HUMANITIES

Address for application information

Division of Fellowships and Seminars

Room 316

National Endowment for the Humanities

1100 Pennsylvania Avenue, N. W.

Washington, D. C. 20506

Citizenship: United States; also, citizens of any country may apply (except to Dissertation Grants) if they have resided in the U.S. for the 3 years immediately preceding the application deadline.

Fields supported for all programs: In the act that established the Endowment, the term humanities includes, but is not limited to, the study of the following disciplines: history; philosophy; languages; linguistics; literature; archaeology; jurisprudence; the history, theory, and criticism of the arts; ethics; comparative religion; and those aspects of the social sciences that employ historical or philosophical approaches.

1. Fellowships for University Teachers

Purpose of program: To enable faculty in PhD-granting departments and post-graduate professional school faculty to pursue advanced study and research that will enhance their capacities as teachers, scholars, or interpreters of the humanities, and that will make significant contributions to thought and knowledge in the humanities.

Level: Postdoctoral

Other requirements: The following are not eligible: Surveys of courses and programs in other institutions, the preparation of institutional curricula, empirical educational research projects, work in the creative and performing arts, and studies in the social and natural sciences that do not employ historical or philosophical approaches. Applicants may not be degree candidates or seeking support for a degree.

Number of awards: Approximately 110

Duration of awards: 6 to 12 months

Application deadline: May 1 of each year

Stipend for 1993-94: Up to \$30,000

Allowances and amounts: Some assistance may be provided within the limits of the stipend to help defray costs of necessary travel. No allowance is given for other expenses.

2. Fellowships for College Teachers and Independent Scholars

Purpose of program: To enable college and university faculty who are members of non-PhD granting departments and independent scholars to pursue advanced study and research that will enhance their capacities as teachers, scholars, or interpreters of the humanities and that will make significant contributions to thought and knowledge in the humanities.

Level: Postdoctoral

Other requirements: The following are not eligible: Surveys of courses and programs in other institutions, the preparation of institutional curricula, empirical educational research projects, work in the creative and performing arts, and studies in the social and natural sciences that do not employ historical or philosophical approaches. Applicants may not be degree candidates or seeking support for a degree.

Number of awards: 110

Duration of awards: 6 to 12 months

Application deadline: May 1 of each year

Stipend for 1993-94: Up to \$30,000

Allowances and amounts: Some assistance may be provided within the limits of the stipend to help defray costs of necessary travel. No allowance is given for other expenses.

3. Program for Historically Black Colleges and Universities - Faculty Graduate Study Program

Purpose of program: To strengthen the teaching of the humanities at historically Black colleges and universities by providing one year of support for teachers at these institutions to complete work toward a doctoral degree in the humanities.

Level: Graduate

Other requirements: Applicants must have the qualifications to pursue one year of graduate study, potential for making strong contributions to teaching in the humanities, at least one year of graduate work completed, and must be a faculty member at a historically Black college or university.

Number of awards: Approximately 10

Duration of awards: 9 to 12 months

Application deadline: March 15 of each year

Stipend for 1992-93: Up to \$30,000

Allowances and amounts: Stipends replace salary lost through the taking of leave and, within the limits of the maximum \$30,000 stipend, may cover some costs of necessary travel, tuition, books, and other associated expenses.

4. Summer Stipends

Purpose of program: To provide support for faculty members in universities and two-year and four-year colleges and for others working in the humanities to pursue two consecutive months of full-time study and research. Applicants whose projects require significant travel to libraries' archives or other collections may apply for the stipend with travel supplement.

Level: Postdoctoral

Other requirements: Up to 3 members of each college and university in the United States and territorial possessions may be nominated; no more than 2 should be junior nominees, no more than 2 should be senior nominees. Independent scholars and faculty on terminal contracts may apply without nomination.

Number of awards: Approximately 200

Duration of awards: 2 months

Application deadline: October 1

Stipend for 1993: \$4,000 without travel; \$4,750 with necessary travel.

5. Younger Scholars

Purpose of program: To provide support for high school and undergraduate students to carry out projects of research and writing in the humanities during the summer.

Level: Undergraduate; high school

Number of awards: Up to 200

Duration of awards: 9 weeks during the summer

Application deadline: November 1

Stipend for 1993: \$2,400/2,000 for college students and high school students; each stipend includes \$400 for project adviser.

6. Summer Seminars

Prospective seminar directors, who can obtain proposal guidelines from the Division of Fellowships and Seminars, are urged to discuss their ideas with NEH program staff before formal submission.

a. Summer Seminars for College Teachers

Purpose of program: To provide opportunities for faculty members at undergraduate colleges to work with distinguished scholars in their own fields or in other fields related to their interests in a variety of the disciplines of the humanities.

Level: Postdoctoral

Other requirements: Intended primarily for individuals who teach undergraduate courses, but independent scholars are eligible to apply. Preference is given to applicants who have not recently had access to the resources of a major library or other research facility.

Number of awards: 600 participants, 50 seminar directors

Duration of awards: 4, 5, 6, 7, or 8 weeks

Application deadline: March 1

Stipend for 1993: Up to \$4,000 for participants; up to 27.78% of salary for Directors.

b. Summer Seminars for School Teachers

Purpose of program: To provide opportunities for teachers of kindergarten through grade 12 to work on a variety of texts in the humanities under the direction of distinguished teachers and active scholars.

Level: Postgraduate

Other requirements: Seminars are designed primarily for teachers of grades 7 through 12; other

school personnel, K-12, are also eligible to apply.
Number of awards: Approximately 900 participants, 60 directors

Duration of awards: 4, 5 or 6 weeks

Application deadline: Participants: March 1

Stipend for 1993: Up to \$3,200 for participants; up to 22.2% of academic year salary for directors.

7. Study Grants

Purpose of Program: To provide support for college and university teachers to undertake independent study to increase knowledge of their own disciplines or related disciplines, to enrich their understanding of the humanities, and to pursue intellectual projects that will inform their teaching. Awards are made for intensive study rather than for research intended primarily for publications.

Level: Postdoctoral

Other requirements: Applicants must be full-time faculty members who have completed 3 years of teaching and who have regular undergraduate teaching responsibilities in the humanities. Applicants may not have held an NEH Fellowship for College teachers and Independent Scholars or another major research grant. Recipients of NEH Summer Stipends must wait 5 years before they are eligible for a Study Grant.

Number of awards: Approximately 100

Duration of awards: 6 weeks

Application deadline: August 15 each year

Stipend for 1993: \$3,000

8. Dissertation Grants

Purpose of Program: To provide support for doctoral candidates in the humanities to complete the writing of their dissertations.

Level: Doctoral

Other requirements: Applicants must have completed all requirements for the Ph.D. except the dissertation. Only two Dissertation Grants will be awarded to candidates from any one Ph.D.-granting institution.

Number of awards: Approximately 50

Duration of awards: 6 to 12 months

Application deadline: November 15

Stipend for 1993-94: \$17,500

NATIONAL HISPANIC SCHOLARSHIP FUND

Address for application information:

National Hispanic Scholarship Fund

P.O. Box 728

Novato, California 94948

Title of program: National Hispanic Scholarship Fund

Purpose of program: To award scholarships to college students.

Citizenship: United States

Level: Undergraduate; graduate

Field(s) supported: Fields unrestricted.

Other requirements: Student must be enrolled and attending a college in the United States or Puerto Rico on a full-time basis; must have completed a minimum of fifteen units of college work; and, must be of Hispanic background.

Number of awards: Varies each year--3,226 for 1991.

Duration of awards: One school year.

Application deadline: April 1 to June 15

Stipend for 1993-94: Up to \$1,000

NATIONAL HUMANITIES CENTER

Address for application information

Fellowship Program

National Humanities Center

7 Alexander Drive, P.O. Box 12256

Research Triangle Park, North Carolina 27709-2256

Title of program: Fellowships

Purpose of program: To support advanced study in the humanities.

Citizenship: Unrestricted

Level: From promising young scholars several years beyond the doctorate to senior scholars of recognized accomplishment.

Field(s) supported: History, philosophy, literature, and all other fields of the humanities; in addition, representatives of the natural and social sciences, the arts, the professions, and public life may be admitted if their work has humanistic dimensions.

Number of awards: 35 to 40 annually

Duration of awards: Generally for the academic year (September through May); a few may be awarded for the fall or spring semester.

Application deadline: October 15

Stipend: Stipends are individually determined in accordance with a scholar's needs and the Center's ability to meet them.

Stipend for 1993-94: average \$25,000; maximum \$35,000

Allowances and amounts: Travel expenses to and from the Center for Fellows and families.

NATIONAL INSTITUTES OF HEALTH (NIH)

Address for application information

National Institutes of Health (NIH)

Office of Grants Inquiries

Division of Research Grants

Room 449, Westwood Building

5333 Westbard Avenue

Bethesda, Maryland 20892

Citizenship: United States citizens or non-citizen nationals or non-citizens lawfully admitted for permanent residence

Field(s) supported: Basic and applied scientific inquiry related to the causes, diagnosis, prevention,

treatment, and rehabilitation of human diseases and disabilities; the fundamental biological processes of growth, development, and aging; and the biological effects of the environment.

1. Career Development Awards (Clinical Investigator Awards, Academic Investigator Awards, Research Career Development Awards, Physician and Dentist Scientist Awards).

Purpose of programs: To provide opportunities for career development for young research scientists in order to promote research in the health-related sciences

Level: Postdoctoral

Field(s) supported: Health-related sciences

Other requirements: Candidates must be nominated by a non-Federal public or private nonprofit institution engaged in health-related research and located in the U.S. or its possessions and territories; must have, depending on the specific award, a range of 1 to 10 years of relevant research and/or professional experience prior to the beginning date of the award.

Duration of awards: 3 to 5 years, depending on specific award

Application deadline: Usually February 1, June 1, October 1

Salary for 1993-94: \$50,000

Allowances and amounts: Salary support not to exceed \$50,000 annually. Supplementation of salary from non-government sources is allowable. Some awards provide from \$10,000-\$20,000 for research support costs.

2. National Research Service Awards

Application deadline: January 10, May 10, September 10

a. Individual Postdoctoral Fellowships

Purpose of program: To offer scientists with a doctoral degree the opportunity to receive full-time research training in areas that reflect the national need for biomedical and behavioral research

Level: Postdoctoral

Other requirements: Doctoral degree (PhD, MD, etc.) from an accredited domestic or foreign institution by start of award; sponsorship by a private or public institution; service payback for support beyond 12 months.

Number of awards: 1700 (estimated total fellowships)

Duration of awards: 1, 2, or 3 years

Stipend for 1993-94: \$18,600-\$32,300 depending on relevant experience after receipt of qualifying doctoral degree.

Allowances and amounts: Institutional allowance of \$3,000 (\$2,000 at Federal labs); round trip travel fare for those training at foreign institutions

b. Institutional Grants

Purpose of program: These grants are made to eligible institutions to develop or enhance pre-PhD

and postdoctoral research training opportunities for individuals who are interested in preparing for careers in biomedical or behavioral research. The training program director at the grantee institution will be responsible for the selection and appointment of trainees and for the overall direction of the program.

Level: Graduate, postdoctoral

Other requirements: Institution-Domestic nonprofit private or public institution; Predocctoral Trainee-A baccalaureate degree as of the beginning date of appointment; training at the postbaccalaureate level in a program leading to the award of PhD or ScD degree or equivalent. Awards may not support study leading to the MD, DO, DDS, or other similar professional degree. Service-Research and/or teaching payback for support beyond 12 months; Postdoctoral Trainee-Doctoral degree (PhD, MD, etc.) from accredited domestic or foreign institution; Service-Research and/or teaching payback for support beyond 12 months.

Number of awards: 9,800 (estimated total trainees)

Duration of awards: Institution-5 years; Predocctoral Trainee-Up to 5 years; Postdoctoral Trainee-Up to 3 years

Stipend for 1993-94: Predocctoral-\$8,800; Postdoctoral-\$18,600-\$32,300

Allowances and amounts: Training-related expenses: \$1,500 per year for predocctoral and \$2,500 per year for postdoctoral, plus health insurance for the individual, tuition and fees, and Trainee travel.

3. Information concerning Senior Fellowships and Short Term Traineeships for Students in Health Professional Schools is available from the Office of Grants Inquiries at the above address. Information on individual predocctoral fellowships for nurses can be obtained from:

Dr. Janet Heinrich
National Center for Nursing Research
Building 31, Room 5803
National Institutes of Health
9000 Rockville Pike
Bethesda, Maryland 20892

NATIONAL MEDICAL FELLOWSHIPS, INC.

Address for application information

National Medical Fellowships, Inc.

254 West 31 Street

New York, New York 10001

Citizenship: United States

Eligible ethnic minority group(s): Black Americans, Mexican Americans, American Indians, mainland Puerto Ricans

1. National Medical Fellowships

Purpose of program: To increase the number of physicians from underrepresented minority medical

groups.

Level: Medical students

Field(s) supported: Allopathic and osteopathic medicine

Other requirements: Must be accepted by an American medical school.

Number of awards: Approximately 1,000

Application deadline: First time applicants-August 31; renewals-May 31.

Stipend for 1993-94: \$2,000

2. National Medical Fellowships/Fellowship Program in Academic Medicine

Purpose of program: To encourage careers in biomedical research and academic medicine.

Level: Medical students

Field(s) supported: Basic biomedical research

Other requirements: Currently enrolled medical students in good academic standing; nomination from dean who must identify senior scientist willing to be mentor during fellowship period.

Number of awards: 35

Duration of awards: 8 to 12 weeks.

Application deadline: December 1

Stipend for 1993-94: \$6,000

Allowances and amounts: Of the stipend, \$4,000 earmarked for students; up to \$2,000 can be used to offset mentor's expenses.

NATIONAL MERIT SCHOLARSHIP CORPORATION

Address for application information

Contact High School Guidance Counselor

Title of program: National Merit Scholarship Program

Purpose of program: To provide academic recognition and college undergraduate scholarships to scholastically able high school students.

Citizenship: United States

Level: Undergraduate

Field(s) supported: Unrestricted

Other requirements: To enter the competition, high school students take the Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT), usually in the junior year, and meet participation requirements. Information about the Merit Program may be found in the PSAT/NMSQT Student Bulletin, distributed by guidance personnel to students who will take the PSAT/NMSQT administered by high schools in October.

Number of awards: Approximately 6,300

Duration of awards: About one-third of the awards are for one year; the remainder are renewable for the four college years.

Stipend for 1993-94: Variable; one-time awards, \$2,000; four-year scholarships provide between \$250 and \$2,000 or more annually.

NATIONAL PHYSICAL SCIENCE CONSORTIUM

Address for application information:

National Physical Science Consortium

c/o New Mexico State University

Box 30001, Department 3NPS

Las Cruces, New Mexico 88003-0001

Title of program: Graduate Fellowships for Minorities and Women in the Physical Sciences

Purpose of program: To increase the pool of minorities and women in the physical sciences by providing doctoral fellowships and graduate school informational referrals.

Citizenship: United States

Ethnic and Gender requirements: Hispanics (all groups), Black Americans, American Indians (all groups), and women (any ethnicity)

Level: Graduate

Field(s) supported: Astronomy, chemistry, computer science, geology, material science, mathematics, and physics

Other requirements: Must be a graduating physical science senior (undergraduate); or be obtaining a master's degree in a physical science discipline from a non-PhD granting institution; or have completed a bachelor's or master's degree in a physical science discipline and have been in the workforce at least one year; and must pursue graduate study at a participating NPSC member university.

Number of awards: 38 in 1992

Duration of awards: 5-6 years

Application deadline: November 15 of each year

Stipend: \$10,000 for years 1 & 2 plus summer employment at sponsoring employer's worksite; \$12,500 for years 3 & 4; and \$15,000 for years 5 & 6

Allowances and amounts: Tuition and fees are provided by the PhD granting institution in which the Fellow is enrolled.

NATIONAL RESEARCH COUNCIL

Address for application information

Associateship Programs-GR 430E

National Research Council

2101 Constitution Avenue

Washington, D.C. 20418

Title of program: Resident, Cooperative, and Postdoctoral Research Associateship Programs

Purpose of program: To provide significant research opportunities to new or senior doctoral scholars who receive awards to become guest researchers at various sponsor federal research laboratories or centers. Each Research Associate is provided full programmatic support to conduct the

research program, which was proposed as part of the application, with no additional distracting assignments. By their presence, the sponsor research organization receives important new scientific and technical concepts and staff stimulation.

Citizenship: Unrestricted in many programs; United States citizenship in some programs

Level: Postdoctoral; senior postdoctoral in many programs

Field(s) supported: All fields of science and engineering

Number of awards: About 400 per year

Duration of awards: One year renewable to two and up to three in some programs.

Application deadline: January 15, April 15, August 15

Stipend for 1992-93: Regular base stipend-\$27,750 to \$44,000, dependent upon sponsor and discipline; senior stipend-individually determined, \$84,500 maximum.

Allowances and amounts: Relocation travel; moving of household; participating group health insurance program; professional travel to 2 or 3 meetings; workman's compensation type insurance.

Following is a list of the laboratories/centers available for research programs:

The Aerospace Corporation
Armed Forces Radiobiology Research Institute
Center for Devices and Radiological Health through the Food and Drug Administration
Federal Highway Administration/Turner-Fairbank Highway Research Center
Fish and Wildlife Services/National Fisheries Contaminant Research Center
NASA Ames Research Center
NASA Goddard Space Flight Center
NASA Jet Propulsion Laboratory
NASA John F. Kennedy Space Center
NASA Lyndon B. Johnson Space Center
NASA Langley Research Center
NASA Lewis Research Center
NASA George C. Marshall Space Flight Center
NASA Science and Technology Laboratory
National Center for Infectious Diseases/Center for Disease Control
National Institute for Occupational Safety and Health
National Institute of Standards and Technology
National Institutes of Health
National Oceanic and Atmospheric Administration
Naval Medical Research and Development Command
Naval Ocean Systems Center
Naval Postgraduate School
Naval Research Laboratory
U.S. Air Force Laboratories
U.S. Army Armament Research, Development, and

Engineering Center

U.S. Army Ballistic Research Laboratory

U.S. Army Chemical Research, Development, and Engineering Center

U.S. Army Electronics Technology and Devices Laboratory

U.S. Army Harry Diamond Laboratories

U.S. Army Medical Research and Development Command

U.S. Army Missile Command

U.S. Army Research Institute for the Behavioral and Social Sciences

U.S. Army Research Laboratory/Battlefield Environment Directorate

U.S. Environmental Protection Agency

U.S. Geological Survey

NATIONAL SCIENCE FOUNDATION

1. NSF Graduate Research Fellowships - including Women in Engineering Awards (NSF Graduate Fellowships and NSF Minority Graduate Fellowships)

Address for application information:

Oak Ridge Associated Universities

P.O. Box 3010

Oak Ridge, TN 37831-3010

Purpose of program: To improve the human resource base of science, mathematics, and engineering in the United States and to reinforce the ethnic diversity of that human resource base by providing for study and research leading to master's or doctoral degrees. Minority Graduate Fellowships are available to increase the number of practicing scientists and engineers who are members of ethnic minority groups that traditionally have been underrepresented in the advanced levels of the Nation's science and engineering talent pool.
Citizenship: United States and permanent residents of the U.S.

Level: Graduate

Field(s) supported: Mathematical, physical, biological, engineering, and behavioral and social sciences, and the history of science and the philosophy of science. Awards are also made for work toward a research-based PhD in science education that requires a science competence comparable to that for PhD candidates in those disciplines. Awards are not made in clinical, business or management fields, in other education programs of any kind, or in history or social work, for work leading to medical, dental, law or public health degrees, or for study in joint science-professional degree programs such as MD/PhD and JD/PhD.

Duration of awards: 3 years

Application deadline: Early November

Stipend for 1993-94: \$14,000 for 12 month tenure.
Allowances and amounts: Cost-of-education allowance up to a maximum of \$7,500 in lieu of all tuition costs and assessed fees. An International Research Travel allowance of \$1,000 for Fellows who have arranged to conduct full-time advanced study and research at a foreign site for at least 3 continuous months.

a. NSF Graduate Fellowships

Requirements: NSF Graduate Fellowships are intended for students at or near the beginning of their graduate study in science, mathematics or engineering. Eligibility is limited to those individuals who, by the beginning of the fall 1992 term, have completed no more than 20 semester hours, 30 quarter hours, or equivalent, of graduate study in the science and engineering fields supported by this program since completion of the last baccalaureate degree in science or engineering. "Graduate study" includes course work, research, and seminars. These guidelines are applied to graduate study completed after October 1, 1982 regardless of purpose or whether credit for that study has been applied toward an advanced degree. Students in a five-year, joint baccalaureate-master's degree program are eligible to apply in the fourth and fifth years of the program; for eligibility purposes, the fifth year of such a program is considered to be graduate study. Additionally, no individual will be eligible who, at the time of application, has earned after October 1, 1982 an advanced degree in science or engineering. Applicants who have earned any medical degree, such as the MD, DDS or DVM, are ineligible. Eligibility for Women in Engineering awards is limited to women who intend to pursue graduate degrees in engineering fields and who, by the beginning of the fall 1992 term, have completed no more than 30 semester hours, 45 quarter hours, or equivalent, of graduate study in the science and engineering fields supported by NSF since completion of their last baccalaureate degree in science or engineering. Women in Engineering applicants who are otherwise eligible are not disqualified by reason of holding a master's degree.

Number of awards: Approximately 750

b. NSF Minority Graduate Fellowships

Eligible ethnic minority groups: American Indian, Black/African American, Hispanic, Native Alaskan (Eskimo or Aleut), or Native Pacific Islander (Polynesian or Micronesian)

Other requirements: NSF Minority Graduate Fellowships are intended for students in the early stages of their graduate study in science, mathematics or engineering. Eligibility is limited to those individuals who, by the beginning of the fall 1992 term, have completed no more than 30 semester hours, 45 quarter hours, or equivalent, of

graduate study in the science and engineering fields supported by this program since completion of their last baccalaureate degree in science or engineering. Minority Graduate applicants are not disqualified by reason of holding a master's degree, but they must not exceed the semester/quarter hour limitations specified. Other guidelines regarding graduate study are identical to those in the Graduate Fellowship competition. Eligibility for the Women in Engineering awards is limited to women who are members of one of the designated ethnic minority groups and who intend to pursue graduate degrees in one of the engineering fields.

Number of awards: Approximately 150

Allowances and amounts: \$1,000 Incentives for Excellence Scholarship Prize is intended to be awarded by the department to a student in one of the minority groups eligible in this competition, or equally to two such students, other than current seniors, in that department. This prize is in recognition of the students' scholarship excellence and to encourage their continued study in science or engineering. Also, Fellows matriculating into their fellowship institutions for the first time as graduate students are eligible for a Mentoring Assistantship consisting of one, two or three months of additional stipend support primarily to participate in research during the summer before they begin their fall fellowship tenure.

2. North Atlantic Treaty Organization (NATO) Postdoctoral Fellowships In Science

Address for application information:

NATO Postdoctoral Fellowship Program
EHR/GERD

National Science Foundation

4201 Wilson Blvd.

Arlington, VA 22230

Purpose of program: To promote the progress of science and closer collaboration among the scientists of NATO member nations

Citizenship: United States

Level: Postdoctoral

Field(s) supported: Mathematical, physical, biological, engineering, and social sciences, and the history and philosophy of science as well as interdisciplinary areas comprised of two or more of these fields; awards will not be made in clinical, education or business fields, or in history, social work or public health.

Other requirements: Recipients of awards are expected to study in a NATO country (other than the United States), or at neighboring multinational institutions. Recipients must have earned the PhD by beginning of tenure, or have received the PhD in a field of science supported by NSF, within the past five years.

Number of awards: 50

Duration of awards: 6-12 months

Application deadline: November 1

Stipend for 1993-94: \$2,750 per month

Allowances and amounts: Dependency allowance of \$200 per month for a dependent spouse and for each of not more than two dependent children; travel allowance to aid in defraying travel costs for Fellow and dependents; Fellow and host institution will each receive an allowance of \$100 for each month of tenure.

3. NSF Mathematical Sciences Postdoctoral Research Fellowships

Address for application information:

Program Director, Office of Special Projects
Division of Mathematical Sciences
National Science Foundation
4201 Wilson Blvd.
Arlington, VA 22230

Purpose of program: To contribute to the future vitality of the scientific effort of the Nation.

Citizenship: United States and U.S. permanent resident aliens

Level: Postdoctoral

Field(s) supported: Pure mathematics, applied mathematics, and statistics

Other requirements: Recipient must have held a doctorate in one of the mathematical sciences listed above for no more than 5 years as of January 1 of fellowship year; will not previously have held any other NSF postdoctoral fellowship.

Number of awards: 30 to 40

Duration of awards: 24 months

Application Deadline: October 15

Stipend for 24 months (1993): \$66,000

Allowances and amounts (1993): \$4,500 institutional allowance; \$4,500 cost-of-research allowance to Fellow

4. NSF Chemical Sciences Postdoctoral Research Fellowships

Address for application information

Postdoctoral Research Fellowships in Chemistry
Division of Chemistry
National Science Foundation
4201 Wilson Blvd.
Arlington, VA 22230

Citizenship: United States and U.S. permanent resident aliens

Level: Postdoctoral

Field(s) supported: Fields consistent with the programmatic responsibilities of the Chemistry Division. These areas are organic and macromolecular chemistry; analytical and surface chemistry; inorganic, bioinorganic and organometallic chemistry; and physical chemistry.

Other requirements: Applicants must have filled the requirements of the doctoral degree in chemistry or a closely related discipline between June 1st of the current year and September 30th of the

following year. Applicants must make prior arrangements for research and training with a scientific advisor at the institution where the fellowship is to be held.

Number of awards: Up to 20

Duration of awards: 1-2 years

Application deadline: November 1

Stipend for 1991-92: \$26,000 per year. A leveraged \$32,000 starter grant is available to fellows who elect tenure-track positions at U.S. colleges and universities following the tenure of their fellowships.

Allowances and amounts: \$4,000 to defray research costs and \$2,000 institutional allowance. There is no allowance for dependents.

5. NSF Japan Society for the Promotion of Science (JSPS) Postdoctoral Awards for United States Researchers

Address for application information

JSPS Postdoctoral Awards
Division of International Programs
National Science Foundation
4201 Wilson Blvd.
Arlington, VA 22230

Purpose of program: To provide U.S. researchers the opportunity to collaborate with Japanese colleagues at academic research facilities in Japan.

Citizenship: United States

Level: Postdoctoral

Field(s) supported: Science and engineering

Other requirements: Doctorate in natural sciences, the social sciences, or engineering is required. Applicants must demonstrate with appropriate documentation the ability to pursue independent research. Applicants must also identify a Japanese host scientist willing to collaborate on the research project.

Number of awards: Approximately 25

Duration of awards: 1 year. Extensions of up to 12 months will be considered if necessary for completion of research.

Application deadline: November 1

Stipend for 1993-94: 270,000 yen monthly

Allowances and amounts: Round-trip economy-class airfare for Awardee only; settling-in allowance of 200,000 yen; monthly housing allowance not to exceed 100,000 yen; monthly family allowance not to exceed 500,000 yen total; and health insurance for the Awardee only.

6. NSF Science and Technology Agency of Japan Postdoctoral Awards for United States Researchers

Address for application information

STA Postdoctoral Awards
Division of International Programs
National Science Foundation
4201 Wilson Blvd.
Arlington, VA 22230

Purpose of program: To provide U.S. researchers the opportunity to collaborate with colleagues at Japanese national laboratories, public corporations, and certain non profit research organizations.

Citizenship: United States

Level: Postdoctoral

Field(s) supported: Science and engineering

Other requirements: Doctorate in science or engineering or equivalent professional experience. Applicants must demonstrate with appropriate documentation the ability to pursue independent research. Applicants must also identify a Japanese host scientist willing to collaborate on the research project.

Number of awards: Approximately 35

Duration of awards: 6 months to 2 years

Application deadline: November 1

Stipend for 1993-94: 270,000 yen monthly

Allowances and amounts: Round-trip economy-class airfare for Awardee only; settling-in allowance of 200,000 yen; monthly housing allowance not to exceed 100,000 yen; monthly family allowance of 50,000 yen, if accompanied by dependents; domestic travel allowance of 100,000 yen per year; and health insurance for the Awardee only.

7. NSF Awards for Japanese-Language Study by Researchers in Science and Engineering

Address for application information

Japanese Language Awards

Division of International Programs

National Science Foundation

4201 Wilson Blvd.

Arlington, VA 22230

Purpose of program: To help remove language and cultural barriers to U.S.-Japanese science and technology exchanges

Citizenship: United States

Level: The awards are aimed primarily at researchers at the graduate and post-doctoral level. Senior researchers, including researchers in industry, will also be considered.

Field(s) supported: Science and engineering

Other requirements: Applicants must be researchers or graduate students in fields of science and engineering supported by NSF.

Number of awards: 20 to 30

Duration of awards: Variable

Nature of support and application deadlines: Academic Program Fellowships: Will provide stipend base of tuition and fees (\$1,025 for graduate students and \$2,050 for individuals with the Ph.D., prorated by fraction of effort devoted to language study), for Japanese language courses, and travel and subsistence allowances as necessary. The application deadline is December 15.

8. Summer Institute in Japan for U.S. Graduate Students in Science and Engineering

Address for application information:

Summer Institute in Japan

Division of International Programs

National Science Foundation

4201 Wilson Blvd.

Arlington, VA 22230

Purpose of program: To provide: first-hand experience in a Japanese research environment; an introduction to the science and science-policy infrastructure of Japan, and; intensive Japanese language training.

Citizenship: United States

Level: Graduate

Field(s) supported: Science and Engineering

Other requirements: Applicant must be enrolled at a U.S. institution in a Ph.D. program or enrolled in an engineering graduate program of which one year or more has been completed.

Number of awards: 58

Duration of awards: 2 months

Application deadline: January 15

Allowances and amounts: Travel costs and an allowance of \$2,000. Japan will provide living accommodations and partial board.

9. Program for Long and Medium-Term Research at Foreign Centers of Excellence

Address for application information:

Long and Medium-Term Research Visits-SBE/INT

National Science Foundation

4201 Wilson Blvd.

Arlington, VA 22230

Purpose of Program: To support research excellence and to promote the progress of science and engineering by: 1) facilitating access to foreign centers of excellence affording unique research opportunities not available in the U.S.; 2) introducing young scientists and engineers to research developments abroad; and 3) supporting the establishment of stronger relationships between U.S. and foreign science and engineering communities.

Citizenship: U.S. citizens or native residents of U.S. possessions

Level: Postdoctoral

Field(s) Supported: Current research in any field of science or engineering supported by NSF. These include mathematical and physical sciences, geosciences, computer and information sciences, biological and behavioral sciences, social sciences and science education, and all fields of engineering. Awards will not be made for biomedical research with disease-related goals, including research on the etiology, diagnosis, or treatment of physical or mental diseases, abnormality, or malfunction in human beings or animals; nor for animal models of such conditions, or the development or testing of drugs or other procedures for their treatment.

Other Requirements: Applicants must have earned the doctoral degree within six years prior to the

date of application or expect to receive the degree by the award date.

Number of awards: 15 to 20

Duration of awards: Visits abroad of 3 to 12 months duration (non-renewable)

Application deadline: November 1 (applications will be accepted beginning September 1)

Stipend for 1993-94: Up to \$3,000 per month for 12 months. NSF will determine the exact amount at the time of the award, based on the cost of living at the destination. NSF will adjust the stipend for awardees with partial support from other sources on a case-by-case basis.

Allowances and amounts: NSF will grant special allowances for language training if justified. A spouse and up to two dependent children will receive a dependents' allowance of \$150 each per month provided they reside with the awardee abroad for 6 months or more. Award does not pay fringe benefits, salaries for support staff or research assistant, or for materials, supplies, equipment, or publication costs.

10. Postdoctoral Research Fellowships in Environmental Biology

Address for application information

Postdoctoral (EB) Fellowships-BIO/DEB

National Science Foundation

4201 Wilson Blvd.

Arlington, VA 22230

Purpose of program: To enable well-trained, highly talented young scientists to pursue innovative research in terrestrial and freshwater ecology, and allied sub-disciplines. Designed to encourage research in a new environment, on a fresh problem, requiring prolonged visits at foreign institutions or field sites. Preference may be given to applicants taking advantage of the "full portability" feature of the fellowship.

Citizenship: United States

Level: Postdoctoral

Field(s) supported: Systematic biology, population biology, population genetics, physiological ecology, community ecology, and ecosystem studies. Public health, clinically oriented, or applied projects are ineligible.

Other requirements: Doctoral degree must have been received no earlier than four years prior to the application deadline and no later than one year after the application deadline.

Number of awards: Up to 20 annually

Duration of awards: 1 or 2 years, depending on request

Application deadline: November 1

Stipend for 1993-94: \$2,200 per month

Allowances and amounts: \$500 per month special research allowance for Fellow; \$200 per month allowance for host institution

11. Mid-Career Fellowship Opportunities in Environmental Biology

Address for application information

National Science Foundation-BIO/DEB

4201 Wilson Blvd.

Arlington, VA 22230

Purpose of program: To provide opportunities for experienced doctoral-level scientists to improve and expand their skills by pursuing independent research in terrestrial and fresh-water ecology and related sub-disciplines in a new environment, learn new techniques or address a fresh problem. Research problems or approaches that depart significantly from the investigator's traditional field are particularly encouraged.

Citizenship: United States

Level: Postdoctoral

Field(s) supported: Systematic biology, population biology, population genetics, physiological ecology, community ecology, and ecosystem studies. Public health, clinically oriented, or applied projects are ineligible.

Other requirements: Doctoral degree must have been received at least ten years prior to the application deadline date.

Number of awards: Up to 10 annually

Duration of awards: 6 to 15 months, depending on request

Application deadline: November 1

Stipend for 1993-94: An amount equivalent to the six-month full-time salary as set by the home institution up to a maximum of \$47,500, plus a sum equivalent to the normal home institution fringe benefit rate corresponding to the stipend.

Allowances and amounts: \$1,000 per month research allowance; \$300 per month allowance for host institution; \$3,000 travel allowance to relocate to fellowship institution.

12. NSF Postdoctoral Research Fellowships in Plant Biology

Address for application information

National Science Foundation

BIO/BIR

4201 Wilson Blvd.

Arlington, VA 22230

Purpose of program: To provide opportunities for plant biologists from all sub-divisions to learn concepts and methodological techniques of related scientific fields in order to approach problems of plant biology with the most appropriate, sophisticated tools. They also provide opportunities for a wide range of biological and physical scientists not trained in traditional plant sciences to learn concepts and techniques of research on plants.

Citizenship: United States or permanent residents of the U.S.

Level: Postdoctoral

Field(s) supported: Areas of Plant Biology included in the following NSF programs: biochemistry, biophysics, genetics, cell biology, developmental biology, and integrative biology.

Other requirements: Doctoral degree in a biological science, physical science, or engineering earned not more than 5 years prior to January 1 of the fellowship year.

Number of awards: Approximately 20

Duration of awards: 2 years

Application deadline: November 1

Stipend for 1993-94: \$2,200 per month

Allowances and amounts: Special allowance to Fellow of \$300 per month; institutional allowance of \$200 per month; no dependency allowance

13. NSF Minority Postdoctoral Research Fellowship Program in Biological/Social, Behavioral and Economic Sciences

Address for application information

BIO/SBE Minority Research Fellowship Program
National Science Foundation

4201 Wilson Blvd., Arlington, VA 22230

Purpose of program: To increase the number of research scientists from underrepresented minority groups.

Citizenship: United States or permanent residents of the U.S.

Eligible ethnic minorities: Blacks, American Indians, Hispanics, Alaskan natives and native U.S. Pacific Islanders

Level: Postdoctoral

Field(s) supported: Biological Sciences and Social, Behavioral and Economic Sciences

Other requirements: Applicant must have received their doctoral degree within the last five years and not have completed two or more years of postdoctoral support at the time the fellowship is initiated.

Number of awards: 10

Duration of awards: Maximum of three years

Application deadline: December 1

Stipend for 1993-94: \$28,000

Allowances and amounts: \$2,400 institutional allowance for reimbursement of expenses (space, equipment, secretarial, general purpose supplies); \$4,600 for scientific supplies, travel, publication expenses, health insurance.

14. NSF Minority Graduate Travel Awards in Biological/Social, Behavioral and Economic Sciences

Address for application information

NSF Minority Graduate Travel Awards-BIO/SBE
National Science Foundation

4201 Wilson Blvd., Arlington, VA 22230

Purpose of program: To assist graduate students within 18 months of the Ph.D. in selecting a postdoctoral mentor and in developing a postdoctoral training plan.

Citizenship: United States or permanent residents

of the U.S.

Eligible ethnic minorities: Blacks, American Indians, Hispanics, Alaskan natives, and native U.S. Pacific Islanders

Level: Graduate

Fields supported: Biological Sciences and Social, Behavioral and Economic Sciences

Number of awards: Varies

Duration of awards: Varies

Application deadline: July 1; October 1; and January 1 or April 1
Allowances and amounts: \$3,000 total travel allowance. Students may compete and be awarded travel awards up to three times.

15. NSF Earth Sciences Postdoctoral Research Fellowships

Address for application information:

EAR Postdoctoral Fellowship Program
National Science Foundation

4201 Wilson Blvd.

Arlington, VA 22230

Purpose of program: To contribute to future vitality of the U.S. scientific effort in the Earth Sciences.

Citizenship: United States and permanent residents of the U.S.

Level: Postdoctoral

Field(s) supported: Earth Sciences

Other eligibility requirements: Applicant must have: 1) earned a Ph.D. in some area of the earth sciences prior to the beginning of the fellowship award period; 2) held a Ph.D. degree for no more than three years prior to the closing date of this program; 3) not have previously held any other NSF postdoctoral fellowship.

Number of awards: 10 per year

Duration of awards: 24 months

Application deadline: November 1

Stipend for 1992-93 and 1993-94: \$2,500 per month

Allowances and amounts: \$5,000 to host institution as partial reimbursement for expenses incurred in support of the research (such as supplies, space, equipment, secretarial assistance, etc.). \$2,500 per year to fellow to help defray costs of research.

16. NSF Research Fellowships in Marine Biotechnology and the Ocean Sciences

Address for application information:

Research Fellowships in Marine Biotechnology
and in Ocean Sciences-GEO/OCE

National Science Foundation

4201 Wilson Blvd.

Arlington, VA 22230

Purpose of program: To foster the use of modern methodologies of molecular biology, biochemistry, and analytical chemistry in basic research in ocean ecology and related areas.

Citizenship: United States and permanent residents of the U.S.

Level: Postdoctoral and Faculty Researcher

Field(s) supported: Ocean Sciences

Other requirements: Applicants must have earned the doctoral degree in a relevant scientific discipline prior to the award. Applicants for the Postdoctoral Fellowship must have received the doctoral degree after January 1, 1989. Additional requirement for consideration is that applicants have made prior arrangements for research and training with a scientific adviser/collaborator at the institution where the Fellowship will be held.

Number of awards: up to 10 per year

Duration of awards: Postdoctoral - 2 years; Faculty Researcher - 1 year

Application deadline: variable

Stipend for 1992-93: Postdoctoral - \$2,200 per month (\$26,400 per year); Faculty Researcher - up to 6 months of annual faculty salary

Allowances and amounts: Institutional allowance of \$300 per month of tenure for partial reimbursement for expenses incurred in support of the research. Special allowance up to \$1,000 per month, expendable at the Fellow's discretion, for scientific supplies, special travel, publication expenses, other research- or training-related costs, and may be used for medical insurance. No dependency allowance.

17. Postdoctoral Program in Ocean Modeling

Sponsoring organizations: National Science Foundation and Office of Naval Research

Address for application information:

UCAR Projects Office

P.O. Box 3000

Boulder, Colorado 80307

Purpose of program: To increase modeling capabilities in ocean sciences.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Ocean Sciences

Duration of awards: one year, renewable for a second year

Application deadline: January 15

Stipend for 1993-94: \$30,000 per year

Allowances and amounts: Benefits in accordance with UCAR policies. Travel expenses to host institution for Fellow and family.

NATIVE AMERICAN SCHOLARSHIP FUND, INC.

Address for application information:

Native American Scholarship Fund, Inc.

3620 Wyoming Boulevard, N.E., Suite 206

Albuquerque, New Mexico 87111

Title of program: MESBEC Program and NALE Program

Purpose of program: The MESBEC (Math, Engineering, Science, Business, Education, Computers) and NALE (Native American Leadership in Education) programs award scholarships to Native American Indian students based on academic merit and to Native American Indian students most likely to improve the lives of Indian people.

Citizenship: United States

Level: Undergraduate, graduate, and postdoctoral

Field(s) supported: Priority areas are Math, Engineering, Science, Business, Education and Computers.

Other requirements: Applicant must be a member of a federally recognized Native American Indian Tribe. In addition, applicants must apply to all other sources available to them. This includes the Financial Aid programs, Tribal scholarships and private scholarship organizations. A GPA of 3.0 or higher and high scores on the ACT or SAT are also required.

Duration of awards: Awards are renewable.

Application deadline: Fall semester deadline is April 15 of that year. Spring deadline is September 15 of the year before and March 15 for summer.

Stipend for 1993-94: Awards range from \$500 to \$3,000 per year.

NATURAL SCIENCES AND ENGINEERING RESEARCH COUNCIL OF CANADA

Address for application information

200 Kent Street

Ottawa, Ontario K1A 1H5

Canada

Title of program: Visiting Fellowships in Canadian Government Laboratories

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) Supported: Natural sciences and engineering

Number of awards: Approximately 120

Duration of awards: 1 year with possible renewal for second year

Application deadline: November 15

Stipend for 1993-94: \$35,184 (effective October 1, 1992)

Allowances and amounts: Travel allowance for Fellow and immediate family.

NEW YORK STATE SCHOLARSHIPS AND FELLOWSHIPS

Address for application information

Bureau of Professional Career Opportunity Programs

State Education Department

Cultural Education Center, Room 5C64
Albany, New York 12230

Application deadline: Prospective applicants should request information early in the academic year preceding the year for which the award will be effective.

1. Regents Scholarships

Citizenship: Must have been a legal resident of New York State for at least 1 year immediately preceding the effective date of the award.

Eligible ethnic minority groups: Black, Hispanic, Native American Indian or Alaskan Native

Other requirements: The law requires that awards be made to eligible candidates in the following order: First priority will be given to any candidate who is economically disadvantaged, as defined under bulletin of information for candidates (may be obtained by writing to above address), and a minority group member historically under-represented in the profession; second priority will be given to any candidate who is a minority group member; third priority will be given to any candidate who is enrolled in, or a graduate of, one of these State sponsored opportunity programs: SEEK or College Discovery at City University, EOP in the State University system or HEOP at an independent college.

a. Regents Health Care Scholarships for Medicine or Dentistry

Purpose of program: To provide opportunities for the professional study of medicine or dentistry in an approved program in New York State.

Level: Must be enrolled in, or a candidate for admission to, medical or dental school.

Field(s) supported: Medicine, dentistry

Other requirements: Applicant must agree to practice, for a period of at least 24 months, in an area or facility within New York State designated as having a shortage of physicians or dentists.

Number of awards: 80 medical and 20 dental scholarships (for 1987-88)

Duration of awards: 4 years

Stipend for 1992-93: \$1,000 to \$10,000 per year based on income

b. Regents Professional Opportunity Scholarships

Purpose of program: To provide opportunities for study in a New York State school in a program which is licensure-qualifying in the particular profession.

Level: Must be enrolled in a program approved for the award or be a candidate for admission to such program.

Field(s) supported by degree level: Associate-Dental Hygiene, Occupational Therapy Assistant, Ophthalmic Dispensing, Physical Therapist Assistant, Physicians Assistant; Baccalaureate-Accountancy, Architecture, Engineering, Landscape Architecture, Nursing, Occupational Therapy,

Pharmacy, Physical Therapy, Physicians Assistant; Masters-Architecture, Landscape Architecture, Occupational Therapy, Physical Therapy, Social Work, Speech-Language Pathology/Audiology; Doctorate-Chiropractic, Optometry, Podiatry, Psychology, Veterinary Medicine; Juris Doctorate-Law.

Other requirements: Applicant must agree to practice, for a period of at least 12 months, in New York State.

Number of awards: 220 annually

Duration of awards: Up to 4 years of full-time study

Stipend for 1992-93: \$1,000 to \$5,000 per year based on income

2. Regents Physician Loan Forgiveness Program

Purpose of program: To provide support for physicians who agree to practice medicine in an area of New York State designated as having a shortage of physicians.

Citizenship: Must be a legal resident of New York State.

Level: Applicant must have completed residency training in medicine within the 5 years immediately preceding the period for which the first award is granted.

Other requirements: Applicant must be licensed to practice medicine in New York State prior to beginning the service commitment.

Number of awards: 80

Duration of awards: 2 years; recipient may apply for one additional award.

Stipend for 1992-93: Maximum of \$40,000; 2 awards, each comprising two \$10,000 payments

3. Paul Douglas Teacher Scholarships

Purpose of program: To provide support for undergraduate education.

Citizenship: United States citizen and legal resident of New York State.

Level: Undergraduate-for students who have graduated in the top 10% of their high school graduating class or have comparatively high GED scores.

Field(s) supported: Unrestricted

Number of awards: Approximately 100

Duration of awards: Up to 4 years of full-time study

Application deadline: Early February

Stipend for 1992-93: Up to \$5,000 for payment of tuition and fees.

NORTH ATLANTIC TREATY ORGANIZATION (NATO)

1. North Atlantic Treaty Organization (NATO) Science Fellowships

Address for application information

Write to appropriate agency in candidate's own country, or to:

North Atlantic Treaty Organization (NATO)
Science Fellowships
Scientific Affairs Division
B-1110 Brussels
Belgium

Purpose of program: To provide opportunities for scientists of NATO countries to pursue their work or to continue their training at the most prestigious institutions in other countries.

Citizenship: Citizens of NATO countries

Level: Graduate, postdoctoral, senior postdoctoral

Field(s) supported: Decision by individual countries.

Other requirements: Decision by individual countries.

Number of awards: Decision by individual countries; grand total of more than 1,100.

Duration of awards: Decision by individual countries; however, the customary length of basic fellowships is one year, with renewal possible in certain cases; the minimum duration for advanced fellowships is usually six months, for senior fellowships three months, and for senior guest fellowships, three weeks.

Application deadline: Decision by individual countries.

Stipend for 1993-94: Decision by individual countries; due to rising costs and limitation of fellowship funds, some countries use the NATO funds as a supplement to other national sources, and in such cases the NATO fellowships cover only a part of the total expenses of the Fellows.

2. Fellowships Programme of the Committee on the Challenges of Modern Society of NATO

Address for application information

North Atlantic Treaty Organization (NATO)
Scientific Affairs Division/CCMS
B-1110 Brussels
Belgium

Purpose of program: To allow Fellows to contribute to work of CCMS pilot studies; purpose of studies is to suggest, on basis of existing knowledge, solutions to problems relating to natural and social environment.

Citizenship: Citizens of NATO countries

Level: Graduate, postdoctoral

Field(s) supported: Study projects change each year; must be within purpose of program.

Other requirements: Applicant must: 1) demonstrate research interest and/or experience in subject area related to on-going CCMS pilot studies, and willingness to work under guidance of study director; 2) have suitable background acceptable to pilot study director; 3) have connection with research unit or government agency having active interest in pilot study subject to ensure useful

application to needs of applicant's home country; 4) have good working knowledge of language of CCMS pilot study director, or English or French, if either is sufficient and mutually convenient.

Number of awards: 15 to 20 per year.

Duration of awards: Variable

Application deadline: 28 February of each year

Allowances and amounts: Award covers travel and living expenses; rarely exceeds \$6,000.

ORGANIZATION OF AMERICAN STATES (OAS)

Address for application information

Trainee Selection Division
Department of Fellowships and Training
Organization of American States (OAS)
Washington, D.C. 20006

Title of program: PRA Fellowships (Regular Training Program)

Purpose of program: To further economic, social, technical and cultural development of the American peoples.

Citizenship: Citizens of member countries of the Organization of American States with the exception of the country of which the candidate is a citizen or in which a permanent residence is maintained.

Level: Graduate and postdoctoral research

Field(s) supported: Any field but the medical sciences

Other requirements: Applicant must have had advanced training in field for which fellowship is requested. Study or research to be carried out in member countries of OAS with exception of country of which candidate is a citizen, or in which a permanent residence is maintained.

Number of awards: Varies according to funds available.

Duration of awards: From 3 months to 2 years

Application deadline: March 1

Stipend for 1992-93: Monthly living stipend varies from country to country.

Allowances and amounts: Travel expenses; tuition fees; book allowance; no family allowance.

PAN AMERICAN HEALTH ORGANIZATION (PAN AMERICAN SANITARY BUREAU)

Address for application information

Health Department of candidate's own country

Title of program: Fellowships

Purpose of program: To provide training or study not available in candidate's own country.

Citizenship: Citizens of member countries of the Pan American Health Organization.

Level: Graduate, postdoctoral, non-academic

Field(s) supported: Public health; public health administration and planning; environmental health;

nursing; maternal and child health; epidemiology and disease control; laboratory services; medicine and health sciences; educational technology and administration of all health related fields; and supporting managerial and technical areas.

Other requirements: Candidate must agree in writing to return to home country for at least 3 years of service with national health administration or institution designated by it.

Number of awards: Variable

Duration of awards: As required

Application deadline: Variable

Stipend for 1993-94: Variable

P.E.O.

Address for application materials:

P.E.O. International Peace Scholarships

P.E.O.

3700 Grand Avenue

Des Moines, Iowa 50312

Title of Program: International Peace Scholarships

Purpose of Program: To promote world peace

Citizenship: Women students who are citizens of countries other than the U.S. and Canada for graduate work in the U.S. or Canada

Level: Graduate

Other requirements: An applicant must be qualified for admission to full-time graduate study, working toward a graduate degree in the college or university of her choice in the United States or Canada. Doctoral students who have completed course work and are working on dissertations only are not eligible as first-time applicants. First-time applicants seeking assistance for less than one academic year will not be considered. Applicants must sign agreement to return to their home country upon completion or must repay funds.

Number of awards: approximately 200

Duration of awards: 1 year, renewable up to 4 years

Deadline for establishing eligibility: December 15

Stipend for 1993-94: \$3500 based on need

THE POPULATION COUNCIL

1. Population Fellowships in the Social Sciences

Address for application information:

Manager, Fellowship Program

The Population Council

One Dag Hammarskjold Plaza

New York, New York 10017

Purpose of program: To make a contribution to meeting the needs of the population field for persons possessing high-level scientific and technical skills.

Citizenship: Unrestricted; strong preference given to applicants from developing countries who have

a firm commitment to return to their home countries upon completion of their training programs. Applications from women are particularly encouraged.

Level: Graduate, postdoctoral, mid-career in the population field

Field(s) supported: Population studies (including demography and biostatistics); population studies in combination with a social science discipline such as economics, sociology, anthropology, geography, and public health.

Other requirements: Graduate Study-Awards open to persons who have completed all course work requirements toward the Ph.D. or an equivalent degree in one of the social sciences.

Postdoctoral Study-Awards open to persons having a Ph.D. or equivalent degree who wish to undertake postdoctoral training and research at an institution other than the one at which they received their Ph.D.

Number of awards: 20 to 25

Duration of awards: Up to 1 year

Application deadline: November 15

Stipend for 1993-94: Varies according to type of award.

Allowances and amounts: Tuition payments and related fees; transportation expenses; health insurance. Some research-related costs and a modest dependency allowance may also be part of the award.

2. Population Council Biomedical Fellowships

Address for application information:

The Population Council

1230 York Avenue

New York, New York 10021

Purpose of program: To provide advanced study in the physiology and biochemistry of reproduction.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Reproductive biology

Other requirements: Candidate must have successfully completed an advanced degree-MD, PhD, or equivalent.

Number of awards: 6 to 8 per year

Duration of awards: 1 to 2 years

Stipend for 1992-93: \$27,000

Allowances and amounts: \$500 per year for travel

THE RHODES SCHOLARSHIP

Address for application information:

Office of the American Secretary

The Rhodes Scholarship Office

Pomona College

Claremont, California 91711-6305

OR

applicant's college or university

Title of program: The Rhodes Scholarships
Purpose of program: To select talented students for study at the University of Oxford.
Citizenship: United States
Level: Undergraduate, graduate
Field(s) supported: Generally unrestricted
Other requirements: Candidate must: 1) be unmarried (marriage permitted after the first year in residence); 2) be between the ages of 18 and 23 inclusive on October 1 of the year of application; 3) have sufficient standing to assure completion of a bachelor's degree before October of the year following application. Selection is made on four criteria: scholarship, character, leadership, and physical vigor. A candidate applies in one of 50 states--either state of legal residence or state where minimum of 2 years college training was received.
Number of awards: 32
Application deadline: October
Stipend for 1991-92: £5640
Allowances and amounts: All approved college fees

ROCHE INSTITUTE OF MOLECULAR BIOLOGY

Address for application information:
 Roche Institute of Molecular Biology
 Nutley, New Jersey 07110
Title of program: Postdoctoral Fellowships
Purpose of program: To provide basic research training
Citizenship: Unrestricted
Level: Postdoctoral
Field(s) supported: Biochemistry, genetics, developmental biology, virology, oncology, neurobiology, pharmacology and other areas of molecular biology.
Other requirements: Applicant must be recent recipient of MD, PhD or equivalent degree in biological or biochemical sciences. Fellowships are tenable only at Roche Institute.
Number of awards: Approximately 30 new awards annually
Duration of awards: 1 year, with renewal for additional years
Application deadline: None
Stipend for 1992-93: \$30,500
Allowances and amounts: Cost of the Fellow's travel to the Institute; initial allowance to help defray housing costs.

THE ROCKEFELLER FOUNDATION

1. Rockefeller Foundation Biotechnology Career Fellowships
Address for application information:
 Biotechnology Career Fellowships

Fellowship Office
 The Rockefeller Foundation
 1133 Avenue of the Americas
 New York, New York 10036
Purpose of Program: To assist scientists based in the Third World to maintain leadership in the development and application of the new biotechnologies that offer great promise for improving the agricultural, health, population, and environmental prospects of poorer countries. The fellowships seek to accomplish this by establishing ongoing working relationships between outstanding younger biotechnology scientists working at Third World institutions, and research teams at advanced laboratories.
Citizenship: Citizens of developing countries.
Level: Postdoctoral
Field(s) supported: The following area of Biotechnology: Agricultural Sciences, Environmental Sciences, Health Sciences, and Population Sciences.
Other requirements: Applicants should: 1) have at least Ph.D.- or M.D.-level training in a relevant field, excellent scientific qualifications, and a proven record of productivity; 2) hold a permanent position at a nonprofit research or teaching institution in their country of citizenship. Applicant's participation must be endorsed by the home institution; host laboratory must be in the forefront of high-technology research in its field. It is preferable that the applicant has previous relationship with host laboratory. In selecting fellows and their host laboratories, the Foundation will consider the relevance of the research proposed to the needs of the applicant's country, as well as that country's commitment to biotechnology as a development tool. Fellows should be no more than 45 years of age.
Duration of awards: 3 years.
Application deadline: At least 6 months in advance of proposed start date.
Financial arrangements: Funding will be shared between the Foundation and the host institution. The Foundation will provide a per diem (for a maximum of 280 days over the three-year fellowship period) for the fellow, and will cover the cost of round-trip travel. It will also make a modest contribution to research expenses. The host institution will be expected to cover most of the research costs. No provision for family support or travel.
2. Rockefeller Foundation Fellowships in the Humanities
Address for application information:
 Humanities Fellowships
 The Rockefeller Foundation
 Arts and Humanities Division
 1133 Avenue of the Americas
 New York, New York 10036
Purpose of program: The Rockefeller Foundation

Humanities Fellowships are for humanities scholars whose research furthers understanding of contemporary social and cultural issues and extends international or intercultural scholarship. In 1993-94, the fellowships will be offered as residencies at host institutions selected for their potential to promote scholarship in the humanities focused on transnational issues, the cultures of non-Western nations, and the diverse cultural heritage of the United States. Host institutions include academic departments, area studies and other interdisciplinary programs, museums, and research libraries.

Citizenship: Unrestricted

Level: Postdoctoral or equivalent training/experience.

Field(s) supported: To promote humanities disciplines and the interdisciplinary dialogue that is the hallmark of new scholarship in these areas, provide outstanding resources to individual scholars, and fortify the institutions that are advancing this work.

Other requirements: Fellowships are tenable at one of 23 host institutions.

Number of awards: 60

Duration of awards: Customarily 8 to 10 months

Application deadline: Each institution differs; the range is October 31 to March 15.

Stipend for 1993-94: \$35,000

Allowances and amounts: \$2,000 toward travel, benefit, and relocation costs; any other allowances are set by institutions hosting fellows.

ROTARY FOUNDATION OF ROTARY INTERNATIONAL

Address for application information:

Local Rotary Clubs

or

The Rotary Foundation
1560 Sherman Avenue
Evanston, Illinois 60201

1. Academic-Year Ambassadorial Scholarship

Purpose of program: To further international understanding and friendly relations among people of different countries through study abroad. During the study year, scholars are expected to be outstanding ambassadors of goodwill through appearances before Rotary clubs, schools, civic organizations and other forums.

Citizenship: Citizens of countries in which there are Rotary clubs, including the United States.

Level: Undergraduate, graduate, or vocational study.

Field(s) supported: All fields; but not unsupervised research, or medical internship or residency.

Other requirements: Applicants must have completed two years of university work or appropriate professional experience before starting scholarship studies. Scholarships are available to individuals of

all ages. Spouses or descendants of Rotarians may not apply. Upon completion of the scholarship, scholars are expected to share the experiences of understanding acquired during the study year with the people of their home countries.

Number of awards: Varies

Duration of awards: 1 academic year

Application deadline: July 15; but local Rotary Clubs may set earlier deadlines. Applicants are encouraged to contact local Rotary Clubs; some deadlines may be as early as March.

Allowances and amounts for 1994-95: Up to \$20,000 or its equivalent to help cover tuition, fees, room and board, and miscellaneous expenses. Round-trip transportation is also included in the award.

2. Multi-Year Ambassadorial Scholarship Purpose of program: To further international understanding and friendly relations among people of different countries through study abroad.

Citizenship: Citizens of countries in which there are Rotary Clubs, including the United States.

Level: Undergraduate, graduate, or vocational study.

Field(s) supported: All fields; but not unsupervised research, or medical internship or residency.

Other requirements: Applicants must have completed two years of university work or appropriate professional experience before starting scholarship studies. Scholarships are available to individuals of all ages. Spouses or descendants of Rotarians may not apply.

Number of awards: Varies

Duration of awards: One year to two or three years.

Application deadline: July 15; but local Rotary Clubs may set earlier deadlines. Applicants are encouraged to contact local Rotary Clubs; some deadlines may be as early as March.

Stipend for 1994-95: A flat award of \$10,000 or its equivalent per year. All additional costs must be absorbed by scholars.

3. Cultural Ambassadorial Scholarship

Purpose of Program: To encourage cultural immersion and intensive language study.

Citizenship: Citizens of countries in which there are Rotary Clubs, including the United States.

Level: Undergraduate, graduate, or vocational study.

Field(s) supported: Language and cultural study. In 1994-95, applications will be considered for candidates interested in studying the following languages: English, French, German, Italian, Japanese, Polish, Portuguese, Russian, Spanish, and Swahili.

Other requirements: Applicants must have completed two years of university work or appropriate professional experience before starting scholarship studies. Scholarships are available to individuals of

all ages. Spouses or descendants of Rotarians may not apply.

Number of awards: Varies

Duration of awards: Scholars will be placed in a foreign country for either 3 or 6 months.

Application deadline: July 15; but local Rotary Clubs may set earlier deadlines. Applicants are encouraged to contact local Rotary Clubs; some deadlines may be as early as March.

Allowances and amounts for 1994-95: This award provides funding as determined appropriate by The Rotary Foundation for tuition, room and board, miscellaneous expenses and round-trip transportation. Whenever possible, scholars will reside with host families. All other expenses are the responsibility of the scholars.

4. Freedom from Hunger Scholarships

Purpose of program: To train individuals from developing countries in the area of agriculture/food production.

Citizenship: Citizens of developing countries in which there are Rotary Clubs.

Level: Graduate, masters (Ph.D. candidates will not be considered)

Field(s) supported: Agriculture, food production

Other requirements: Award recipient must return to home country at end of award to apply skills acquired.

Number of awards: 25 per year

Duration of awards: Up to 2 calendar years for completion of advanced degree.

Application deadline: July 15; but local Rotary Clubs may set earlier deadlines. Applicants are encouraged to contact local Rotary Clubs; some deadlines may be as early as March.

Stipend: Varies with each country.

Allowances and amounts: Round-trip transportation, room, board, tuition, necessary books and educational supplies, contingency allocation, limited educational travel allowance, language training to improve fluency if warranted.

5. Japan Program Scholarships

Purpose of program: To offer intensive language training for candidates wishing to develop fluency in the Japanese language and then undertake regular studies at a Japanese university.

Citizenship: Unrestricted

Field(s) supported: Unrestricted

Other requirements: 1) At least two years of university level Japanese language training or equivalent in experience; 2) at least minimal exposure to Asian/Japanese culture through course work or equivalent experience; 3) substantive reason for study in Japan, i.e., academic or professional; 4) demonstrated intent to utilize acquired knowledge of Asian culture positively and productively after scholarship period.

Number of awards: 15

Duration of awards: 21 months including 9-14 months of language training.

Application deadline: July 15; but local Rotary Clubs may set earlier deadlines. Applicants are encouraged to contact local Rotary Clubs; some deadlines may be as early as March.

Allowances and amounts: Scholarship provides round-trip transportation and funding for tuition, books and supplies, housing and other miscellaneous expenses.

ROYAL NORWEGIAN COUNCIL FOR SCIENTIFIC AND INDUSTRIAL RESEARCH

Address for application information:

NTNF

P.O. Box 70, TAASEN

0801 Oslo

Norway

Title of program: Research Fellowships

Purpose of program: To provide postdoctoral research opportunities.

Citizenship: Unrestricted

Level: Postdoctoral

Field(s) supported: Applied science and engineering (medicine and agriculture excluded)

Other requirements: Candidate should normally be no more than 40 years of age and have qualifications corresponding at least to a British or American PhD in applied science or engineering. Research work/studies can be carried out at the Universities of Oslo, Bergen, Tromsø; The Norwegian Institute of Technology, Trondheim; and at different institutes for applied research in Oslo, Bergen, and Trondheim. English may be used at all institutes, German and French at some institutes.

Number of awards: Approximately 10

Duration of awards: 1 year (with possible renewal for second year)

Application deadline: March 1 and September 1

Allowances and amounts: 132,000 Norwegian krone for single Fellow; 156,000 Norwegian krone for married Fellow accompanied by wife/husband; 12,000 Norwegian krone for each accompanying dependent child; 10,000 Norwegian krone upon arrival; ticket fare reimbursement up to NOK 10,000 each way per person for Fellow and accompanying family members.

ALFRED P. SLOAN FOUNDATION

Address for application information:

Alfred P. Sloan Foundation

630 Fifth Avenue, Suite 2550

New York, New York 10111

Title of program: Sloan Research Fellowships

Purpose of program: To provide support and recognition for promising young scientists who are

faculty members at colleges and universities in the United States and Canada.

Citizenship: Unrestricted

Level: Regular faculty

Field(s) supported: Chemistry, physics, mathematics, economics, and neuroscience, or related interdisciplinary fields.

Other requirements: Candidates may be no more than 32 years of age as of September 15 of year of nomination. Candidates must be nominated by department head or other senior scholar. Direct applications are not accepted.

Number of awards: 90

Duration of awards: 2 years

Application deadline: September 15

Stipend for 1993-94: \$30,000 for the 2-year period

SMITHSONIAN INSTITUTION

Address for application information:

Smithsonian Institution

Office of Fellowships and Grants

Desk F

L'Enfant Plaza, Suite 7000

Washington, D.C. 20560

1. Senior Postdoctoral Fellowships, Postdoctoral Fellowships, Predoctoral Fellowship, Graduate Student Fellowships

Purpose of programs: For Senior Postdoctoral, Postdoctoral and Graduate Student Fellowships--To support research by scholars and students in residence at the Smithsonian in association with its research staff. For Predoctoral Fellowships--To provide opportunities for doctoral candidates to conduct dissertation research in residence at the Smithsonian in association with its research staff.

Citizenship: Unrestricted

Field(s) supported: Anthropology, biological sciences, earth sciences, history of art, history of science and technology, social and cultural history, materials analysis.

Other requirements: All applicants must be fluent in English. Senior Postdoctoral applicants must be 7 years beyond the PhD or its equivalent. Postdoctoral applicants must have received the PhD or equivalent within 7 years of application date. Predoctoral applicants must be enrolled in a university as candidates for the PhD or equivalent, and must have completed course work and examinations. Graduate Student applicants must be formally enrolled in a graduate program of study at a degree-granting institution and must have completed at least one semester before appointment period.

Number of awards: Variable

Duration of awards: Senior Postdoctoral--3 to 12 months; Postdoctoral and Predoctoral--6 to 12 months; Graduate Student--10 weeks.

Application deadline: January 15

Stipend for 1992-93: Senior Postdoctoral--\$26,000 per year; Postdoctoral--\$21,000 per year; Predoctoral--\$13,000 per year; Graduate Student--\$3,000 for 10 weeks

2. Faculty Research Fellowships

Purpose of program: To support research by minority faculty members in residence at the Smithsonian in association with its research staff.

Citizenship: United States

Level: Graduate, postdoctoral, or equivalent through teaching experience.

Field(s) supported: Anthropology, biological sciences, earth sciences, history of art, history of science and technology, social and cultural history, materials analysis.

Other requirements: Applicants may be enrolled in a PhD program, have completed the PhD, or have equivalent experience through teaching activities.

Number of awards: Variable

Duration of awards: 2 to 4 months

Application deadline: February 15

Stipend: Determined individually based on academic status.

Allowances and amounts: Travel allowance

3. Smithsonian Minority Internship Program

Purpose of program: To provide opportunities for students to pursue internship projects or independent research in history, art or science in residence at the Smithsonian's facilities under the supervision of Smithsonian research and professional staff members.

Citizenship: United States

Level: Undergraduate, graduate

Field(s) supported: Anthropology, biological sciences, earth sciences, history of art, history of science and technology, social and cultural history, materials analysis.

Other requirements: Students are eligible to apply if they are actively engaged in graduate study at any level or in undergraduate study. Generally an overall grade point average of 3.0 is required.

Number of awards: Variable

Duration of awards: 9 to 12 weeks

Application deadline: October 15, February 15, June 15

Stipend for 1992-93: \$250 per week for undergraduates; \$300 per week for graduates.

SOCIAL SCIENCE RESEARCH COUNCIL

Address for application information:

Social Science Research Council

605 Third Avenue

New York, New York 10158

1. SSRC-MacArthur Foundation Fellowships on Peace and Security in a Changing World

Purpose of program: The fellowships are intended to support research on the implications for security issues of worldwide cultural, social, economic, and political changes. In addition to previous concerns, a new range of issues has come to the fore: for example, the effect of demographic trends; increased pressure on the natural environment; massive new flows of migration; the altered nature of economic ties; ethnic, racial, and national conflicts; the economic and social effects of decreased levels of military spending; and the impact of large arsenals of nuclear weapons on political change and stability.

Citizenship: Unrestricted

Level: Dissertation, postdoctoral

Field(s) supported: Social and behavioral sciences (including history and area studies), the humanities, or the physical and biological sciences

Other requirements: Dissertation level--In the 1993/94 program, applicants must complete all requirements for the doctoral degree except dissertation by the spring of 1994. Postdoctoral level--Applicant will usually hold the Ph.D. or its equivalent. This competition is designed for researchers in the first ten years of their postdoctoral careers.

Number of awards: 8 dissertation, 8 postdoctoral

Duration of awards: 2 years

Application deadline: December 1

Stipend for 1993-94: Dissertation level--varies, will rarely exceed \$17,500 per year; Postdoctoral level--varies, will rarely exceed \$36,000 per year.

Allowances and amounts: Up to \$5,000 per year additional funds available to pay tuition and institutional fees.

2. International Predissertation Fellowship Program

Purpose of program: With funding from the Ford Foundation, this joint SSRC/ACLS program is designed to increase the flow of talented graduate students in the social sciences into research and teaching careers oriented to the developing world.

Level: Students must be pursuing a PhD in a social science discipline and should demonstrate an interest in supplementing skills in their discipline with area and language studies.

Field(s) supported: Primarily economics, political science, psychology, and sociology, but other social science disciplines included as well; the intent is to encourage students to undertake dissertation research in Africa, China, Latin America and the Caribbean, the Near and Middle East, the Middle East, South Asia, and Southeast Asia.

Other requirements: Applicant must be enrolled at one of 23 institutions: University of California, Berkeley; University of California, Los Angeles; University of California, San Diego; University of Chicago; Columbia University; Cornell University;

Duke University; Harvard University; University of Illinois, Urbana-Champaign; Indiana University, Bloomington; Massachusetts Institute of Technology; Michigan State University; University of Michigan, Ann Arbor; University of Minnesota, Twin Cities Campus; University of North Carolina, Chapel Hill; Northwestern University; University of Pennsylvania; Princeton University; Stanford University; University of Texas at Austin; University of Washington; University of Wisconsin, Madison; and Yale University

Number of awards: up to 55

Duration of awards: 12 months of support over a period up to 2 years

Application deadline: varies by institution, 2 December to 6 January

Allowances and amounts: 12 months support for a full-time program of study which may include language training, overseas study, and course work in area studies, in addition to living stipends and international travel expenses

3. Abe Fellowship Program

Purpose of Program: To conduct research in the social sciences and humanities relevant to any one or combination of the following themes: global issues, problems common to advanced industrial societies, and issues that relate to improving U.S.-Japanese relations.

Citizenship: American, Japanese, or third country nationals affiliated with an American or Japanese institution

Level: Postdoctoral

Field(s) supported: Social sciences and humanities
Other eligibility: Applicants must hold the Ph.D. or have attained an equivalent level of professional experience, as evaluated in their country of residence.

Duration of awards: Up to 12 months of full-time support, although fellowship tenure need not be continuous

Application deadline: September 1993 for the 1994-95 year

Allowances and amounts: Base award and supplementary research and travel expenses as necessary for the completion of the research project.

SOCIAL SCIENCES AND HUMANITIES RESEARCH COUNCIL OF CANADA

Address for application information:

255 Albert Street
Box 1610, Ottawa
K1P 6G4 Canada

1. Postdoctoral Fellowships

Purpose of program: To encourage the development and broadening of research skills of recent doctoral graduates in the humanities and the social sciences.

Citizenship: Canadians or permanent residents of Canada living in Canada at the time of application.

Level: Postdoctoral

Field(s) supported: Social sciences and humanities

Other requirements: Must have completed all requirements for a doctorate before the fellowship period or have earned a doctoral degree within the three years prior to the competition deadline.

Number of awards: Approximately 140

Duration of awards: 24 months

Application deadline: October 1

Stipend for 1993-94: \$27,984

2. Doctoral Fellowships

Purpose of program: Doctoral fellowships are intended to develop research skills and to assist in the training of highly qualified personnel.

Citizenship: Canadian or permanent residents living in Canada at time of application.

Level: Graduate

Field(s) supported: Social sciences and humanities

Other requirements: Must have completed at least one year of doctoral study or a master's degree.

Number of awards: Approximately 650

Duration of awards: 24 months renewable for another 24 months. (Council will only support the first four years of doctoral studies.)

Application deadline: November 15

Stipend for 1993-94: \$14,436

3. NSERC/SSHRC Master's Scholarships in Science Policy

Purpose of program: To encourage students to undertake science policy studies at the master's level.

Citizenship: Canadian or permanent residents living in Canada at time of application.

Level: Graduate

Field(s) supported: Science policy

Other requirements: Applicants must hold a bachelor's degree in any discipline.

Number of awards: 6

Duration of awards: 12 months; renewable for another 12 months.

Application deadline: December 1

Stipend for 1993-94: \$14,436

Allowances and amounts: Travel allowance to the place of tenure, if it is different from the location at the time of application. A further allowance may be paid to an award holder when accompanied by a spouse and/or children.

SOCIETY OF EXPLORATION GEO-PHYSICISTS (SEG) FOUNDATION

Address for application information:

SEG Foundation

P.O. Box 702740

Tulsa, Oklahoma 74170

Title of program: Scholarships and Grants-in-Aid

Purpose of program: To encourage the pursuit of a college course directed toward a career in exploration geophysics in operations, teaching or research. Funds are from companies and individuals engaged or interested in the field of geophysics.

Citizenship: Unrestricted

Level: Undergraduate, graduate, postdoctoral

Field(s) supported: Exploration geophysics (applicants must have an interest in and aptitude for physics, mathematics, and geology).

Other requirements: Certain awards hold restrictions placed on them by the donor.

Number of awards: 75-100 per year

Duration of awards: 1 academic year; renewable subject to maintenance of recipient's scholastic standing, availability of funds, and continuance by recipient of course of study acceptable to Foundation and one which will lead toward career in exploration geophysics.

Application deadline: March 1 of award year

Stipend for 1992-93: \$1,000 to \$2,500

HATTIE M. STRONG FOUNDATION

Address for application information:

Hattie M. Strong Foundation

1735 Eye Street, N.W., Suite 705

Washington, D. C. 20006

Title of program: Student Loan Fund

Purpose of program: To provide interest-free loans to assist in completion of final year of study in college or graduate school.

Citizenship: United States

Level: Undergraduate, graduate

Field(s) supported: Unrestricted

Number of awards: Variable

Duration of awards: The final year of study in a baccalaureate or graduate degree program.

Application deadline: January 1 to March 31 for the following academic year.

Allowances and amounts for 1992-1993: Maximum loan is \$2,500 in one academic year.

TAU BETA PI

Address for application information:

Tau Beta Pi Association

P.O. Box 8840, University Station

Knoxville, Tennessee 37996-0002

Title of program: Graduate Fellowships

Purpose of program: To advance the interest of the engineering profession.

Citizenship: Unrestricted

Level: Graduate

Field(s) supported: Engineering, medicine, law, business, etc., as related to engineering.

Other requirements: Applicants must be members of Tau Beta Pi, the national engineering honor

society.

Number of awards: Approximately 20

Duration of awards: 1 year

Application deadline: January 20

Stipend for 1992-93: \$7,500

Allowances and amounts: Fellows may receive additional aid to include tuition and up to \$10,000 in excess of tuition, from other sources.

HARRY S. TRUMAN SCHOLARSHIP FOUNDATION

Address for application information:

Harry S. Truman Scholarship Foundation

712 Jackson Place, N.W.

Washington, D.C. 20006

Title of program: Undergraduate and Graduate Scholarships

Purpose of program: To award scholarships to college students who have outstanding leadership potential, plan to pursue careers in government or elsewhere in public service, and wish to attend graduate school to prepare for their careers.

Citizenship: United States citizens or nationals

Level: Undergraduate and graduate

Field(s) supported: Disciplines that can lead to public service careers, such as agriculture, biology, engineering, environmental management, physical and social sciences, economics, education, government, history, international relations, law, political science, public administration, public health, and public policy.

Other requirements: Candidates must: 1) be nominated by their institutions; 2) be in the upper quarter of their class; 3) be juniors at four year institutions or sophomores at two year institutions.

Number of awards: Up to 85 in 1993

Duration of awards: Up to 4 years - 1 or 2 years undergraduate study (junior and senior years), plus 2 or 3 years graduate study

Application deadline: December 2 for candidates from four year institutions; February 25 for candidates from two year institutions

Allowances and amounts: Up to \$30,000 for 4 years

U.S. AGENCY FOR INTERNATIONAL DEVELOPMENT (A.I.D.), OFFICE OF INTER- NATIONAL TRAINING

Address for application information:

Write to appropriate government department in applicant's own country or contact an A.I.D. Mission (for private sector applicants)

Title of program: Thomas Jefferson Fellowship Program

Purpose of program: To prepare participants for pre-determined roles in their countries' develop-

ment program; to train them for high level professional and technical occupations in both private and public areas including those in agriculture, industry, population, transportation, labor, housing, education, community development, business administration, public administration, and health

Citizenship: Nationals of participating countries

Level: A.A., B.S., M.S., Ph.D., and short technical courses

Other requirements: Candidate must: 1) Require training not available in own country; 2) be nominated by own government; 3) agree to specified employment after return to own country. Fellowships, scholarships, or grants are not available directly from A.I.D.; application should be made through the home government of the developing country under its bilateral agreement with the United States; 4) Agree to return to their home country upon completion of training for a minimum of 2 years (requirement of the J-1 visa).

Number of awards: 14,000 in training during FY 1991-92

Duration of awards: Variable

Application deadline: Rolling

Stipend: Variable

Allowances and amounts: Varies on location of training institution; includes maintenance allowance, travel, health and accident coverage program.

U.S. AIR FORCE, OFFICE OF SCIENTIFIC RESEARCH

Address for application information:

Southeastern Center for Electrical Engineering Education

SCEEE-Fellowship Program

1101 Massachusetts Avenue

St. Cloud, Florida 34769

Title of program: USAF Laboratory Graduate Fellowship Program

Purpose of program: To increase the number of U.S. citizens educated in disciplines of science and engineering critical to the U.S. Air Force by awarding fellowships to support study and research leading to doctoral degrees.

Citizenship: United States

Level: Graduate

Field(s) supported: Aeronautical and astronautical engineering; behavioral sciences; biomedical engineering; chemistry and chemical engineering; computer science and computer modeling; electrical engineering; geophysics and meteorology; industrial and civil engineering; life sciences, biology and biophysics; materials science, ceramic engineering and metallurgy; mathematics; mechanical engineering; physics.

Other requirements: Awards are limited to those who have received their baccalaureate degree

before or during the year of application; preference will be given to undergraduates and first year graduate students. Fellows must enroll in full-time programs leading to doctoral degrees in the selected fields at any United States institution offering doctoral degrees in the designated disciplines. Each fellow will be sponsored by an Air Force laboratory and may spend up to three months during the summer pursuing research at the sponsoring laboratory.

Number of awards: 25

Duration of awards: 3 years

Application deadline: January

Stipend for 1993: \$15,000 1st year; \$16,000 2nd year; \$17,000 3rd year.

Allowances and amounts: All required tuition and fees and \$2,000 per year to Fellow's academic department.

U.S. DEPARTMENT OF AGRICULTURE

Address for application information:

Office of the President of one of the seventeen 1890 historically black land-grant institutions

Title of program: USDA/1890 National Scholars Program

Purpose of program: 1) to strengthen the long-term partnership between USDA and the seventeen 1890 historically black land-grant institutions; 2) to increase the number of students studying agriculture, food, and natural resources; 3) to open career opportunities to USDA/1890 National Scholars at the U.S. Department of Agriculture.

Citizenship: United States

Level: Undergraduate

Fields supported: Agriculture, food, and natural resources

Other eligibility requirements: Must have a 3.00 GPA; entering freshmen must have a 21 or better on the ACT or a 1000 or better on the SAT; high school graduate or GED recipient; attend an 1890 institution; demonstrate leadership, service, and the potential for success

Number of awards: 34 awards a year (total of 136 awards)

Duration of awards: 4 years

Application deadline: February

Stipend for 1992-93: \$14,860 - \$21,860

Allowances and amounts: Annual tuition for four years, books, fees, room and board; personal computer and software; employment; employee benefits

U.S. DEPARTMENT OF DEFENSE

Address for application information:

NDSEG Fellowship Program

P.O. Box 13444

200 Park Drive, Suite 211

Research Triangle Park, NC 27709-3444

ATTN: Dr. George Outterson

Title of program: National Defense Science and Engineering Graduate Fellowship Program

Purpose of Program: To increase the number of U.S. citizens trained in disciplines of science and engineering of military importance.

Citizenship: United States

Level: Graduate

Field(s) supported: Aeronautical and astronautical engineering; biosciences; chemical engineering; chemistry; cognitive, neural, and behavioral sciences; computer science; electrical engineering; geosciences; manufacturing sciences and engineering; materials science and engineering; mathematics; mechanical engineering; naval architecture and ocean engineering; oceanography; physics.

Other requirements: Applicants must: 1) receive their baccalaureate degrees by Fall of the year of application, 2) be at or near the beginning of their graduate study in science or engineering, 3) plan to enroll full-time at United States institutions of higher education in programs leading to graduate degrees in fields specified above.

Number of awards: Approximately 90

Duration of awards: 3 years

Application deadline: 3rd Wednesday in January

Stipend for new 1992 Fellows: 1st year: \$15,000; 2nd year: \$16,000, 3rd year: \$17,000

Allowances and amounts: Full tuition and required fees plus \$2,000 to Fellow's department.

U.S. DEPARTMENT OF EDUCATION

1. Jacob K. Javits Fellowship Program

Address for application information:

Jacob K. Javits Fellows Program

P.O. Box 84

Washington, D.C. 20044

Purpose of program: To provide financial assistance to entering or first-semester graduate students in various fields in the arts, humanities, and social sciences.

Citizenship: United States and Permanent Residents of the U.S.

Level: Graduate

Field(s) supported: **The Arts:** architecture (general architecture, architecture, architectural history); **Dramatic and Creative Arts:** creative writing, dance, playwriting and screenwriting, television, film, cinematography, theatre arts; **Fine Arts:** photography, studio arts; **Music:** general music, ethnomusicology (non-Western), history, literature, musicology, performance, theory and composition; **The Humanities:** archaeology, art history, classics (Latin and Greek), comparative literature, English

language literature, foreign languages and literatures, history, linguistics, philosophy, religion and theology (excluding theological professions), speech, rhetoric and debate; **The Social Sciences:** anthropology, economics, geography, political science, psychology (except clinical), sociology.

Number of awards: Approximately 125

Duration of awards: Up to 48 months

Application deadline: January 15

Allowances and amounts: \$6,000 annual payment to institution for tuition and fees.

2. Need-Based Awards

Address for application information: Information may be obtained from the institution student plans to attend.

Purpose of program: Pell Grants - to help first-time undergraduates pay for their education after high school. Supplemental Educational Opportunity Grants -- to help first-time undergraduates with exceptional financial need. College Work-Study Program -- provides jobs for first-time undergraduates and to graduate students who need financial aid. Federal Perkins Loan Program (formerly National Direct Student Loans or NDSL) -- low interest (5 percent) loan for first-time undergraduate and graduate students with exceptional financial need, as determined by the school. Stafford Loans (formerly Guaranteed Student Loans or GSL) - low-interest loans made to students attending school at least half-time; loans are insured by the guarantee agency in each State and reinsured by the Federal Government.

Citizenship: United States citizen, national, or permanent resident alien

Level: Undergraduate, graduate

Field(s) supported: Unrestricted

Other requirements: Applicant must: 1) demonstrate financial need; 2) have a high school diploma or a GED; 3) be enrolled as a regular student in an eligible program at least half-time; 4) make satisfactory academic progress; 5) sign a statement of educational purpose/certification statement on refunds and default; 6) sign an anti-drug abuse act certification; 7) sign a statement of updated information; and 8) sign a statement of registration status.

Number of awards: Depends on institution

Duration of awards: Pell Grants - 5 to 6 years of undergraduate study. Student is eligible for the period of time needed to complete the first undergraduate baccalaureate course.

Application deadline: Student aid application must be received by May 3, student aid report must be received by school's financial aid office by June 30.

Allowances and amounts: Pell Grants - maximum for 1991-92 was \$2,400; Supplemental Educational Opportunity Grants - no more than \$4,000 for an

academic year. College Work-Study Program - No set award amount; cannot be awarded beyond students' needs. Federal Perkins Loan Program - \$4,500 for a student who has not completed two academic years of study toward a bachelor's degree; \$9,000 for a student who has completed two academic years of study leading to a bachelor's degree. This includes any amount borrowed during the first two years of study. \$18,000 for study toward a graduate or professional degree; this includes any amount borrowed under Perkins/NDSL for undergraduate study. Stafford Loans - \$2,625 a year if first- or second-year undergraduates student; \$4,000 a year at third- or fourth-year; \$7,500 if graduate/professional student.

3. Indian Fellowship Program

Address for application information:

U.S. Department of Education

Room 2177, FOB-6

400 Maryland Avenue, S.W.

Washington, D.C. 20202-6335

Purpose of Program: To enable Indian students to pursue undergraduate or postbaccalaureate degrees in specified fields.

Citizenship: United States

Eligible ethnic minority groups: American Indian, Alaska Native

Level: Undergraduate or postbaccalaureate

Field(s) supported: Undergraduate degree: business administration, engineering, natural resources and related fields. Postbaccalaureate degree: business administration, engineering, natural resources, education, law, medicine, psychology, clinical psychology and related fields.

Other requirements: An applicant must: a) be recognized as a full-time degree candidate at an accredited institution of higher education; b) not have obtained a terminal graduate or postbaccalaureate degree in one of the fields listed above.

Number of awards: Approximately 60 new awards

Duration of awards: 1 to 4 years

Application deadline: January 25

Allowances and amounts: Awards vary according to need. Funds may be provided for tuition and required fees, stipend, dependent allowance, books and supplies, and required research expenses.

4. Patricia Roberts Harris Fellowships Program

Address for application information:

Application materials and information must be obtained from the institution student plans to attend.

Purpose of program: a) Patricia Roberts Harris Graduate and Professional Study Fellowships Program: To provide federal financial assistance to enable institutions of higher education to make available fellowship awards in postbaccalaureate education to graduate and professional students who demonstrate financial need and to assure that

awards are made to individuals from traditionally underrepresented groups undertaking graduate and professional study. b) Patricia Roberts Harris' Public Service Fellowship Program: To provide grants to institutions of higher education to support fellowships for students who demonstrate financial need and who plan to pursue a career in public service.

Citizenship: United States and permanent residents of the U.S.

Level: Graduate

Field(s) supported: All academic areas except Divinity

Other requirements: Applicants must be qualified for full-time study in an approved graduate program at a participating institution of higher education and must meet the admission requirements of that institution.

Award basis: Fellowships funds are awarded on a competitive basis to colleges and universities that have graduate and professional programs leading to a master's or more advanced degree. Applicants compete on a national basis.

Duration of awards: 36 months maximum

Stipend for 1992-93: Up to \$10,000 for a 12-month year prorated per month for any period less than 12 months that fellows are enrolled.

Allowances and amounts: Fellows are granted remission of institutional tuition and mandatory fees. A \$6,000 per year educational allowance is provided to the institution for each fellow actively enrolled prorated at \$500 per month for any period less than 12 months.

U.S. DEPARTMENT OF ENERGY (DOE)

1. Integrated Manufacturing Predoctoral Fellowships

Address for application information:

The Fellowship Office
National Research Council
2101 Constitution Avenue
Washington, D.C. 20418

Purpose of program: To create a pool of PhDs trained in the integrated approach to manufacturing, to promote academic interest in the field, and to attract talented professionals to this challenging area of engineering.

Citizenship: United States citizen or permanent resident

Level: Graduate

Fields supported: Integrated systems of manufacturing, including but not limited to, large scale systems, and integration of product design with manufacturing processes

Other eligibility: Applicants must intend to work toward a PhD degree; applicants must have received a master's degree prior to start of fellow-

ship tenure; however, this requirement may be waived for those already admitted to a PhD program or for applicants with postbaccalaureate professional industrial experience.

Number of awards: 12 in 1992-93

Duration of awards: 3 years

Application deadline: postmark deadline in early November of each year

Stipend for 1992-93: \$20,000 per year

Allowances and amounts: cost-of-education allowance up to \$15,000 per year

2. University/DOE Laboratory Cooperative Program: Student Research Participation, Laboratory Graduate Research Participation, Thesis Parts Research Participation, Faculty Research Participation, Supplemental Education and Training Activities

Address for application information:

Office of Energy Research
University and Science Education Programs
U.S. Department of Energy
Washington, D.C. 20585

or contact the following laboratories or consortia:
Ames Laboratory, Planning and Technology Application, 119 Office and Laboratory Building, Ames, Iowa 50011

Argonne National Laboratory, Division of Education Programs, 9700 South Cass Avenue, Building 223, Argonne, Illinois 60439

Associated Western Universities, Inc., 4190 S. Highland Drive, Suite 211, Salt Lake City, Utah 84124

Brookhaven National Laboratory, Office of Educational Programs, Upton, Long Island, New York 11973

EG&G Mound Applied Technologies, One Mound Avenue, P.O. Box 3000, Miamisburg, Ohio 45343
Lawrence Berkeley Laboratory, Center for Science and Engineering Education, Building 90, Room 1070, Berkeley, California 94720

Morgantown Energy Technology Center, Office of Applied Science and Technology, P.O. Box 880, 3610 Collins Ferry Road, Morgantown, West Virginia 26505

Northwest College and University Association for Science, 390 Hanford Street, Richland, Washington 99352-1620

Oak Ridge Associated Universities, Science Engineering Education Division, P.O. Box 117, Oak Ridge, Tennessee 37831

Oak Ridge National Laboratory, University Education Program, P.O. Box 2008, Oak Ridge, Tennessee 37831-6276

Pittsburgh Energy Technology Center, P.O. Box 10940, Mail Stop 921232, Pittsburgh, Pennsylvania 15236

Savannah River Ecology Laboratory, P.O. Drawer E, Aiken, South Carolina 29801

Savannah River Laboratory, Westinghouse Savannah River Company, Education Programs, Aiken, South Carolina 29808
Solar Energy Research Institute, Office of the Director, 1617 Cole Boulevard, Golden, Colorado 80401-3393

Purpose of program: To increase interaction and flow of information between universities and DOE laboratories, to familiarize engineers and scientists with energy sciences and techniques, and to stimulate transfer of knowledge from DOE laboratories to academic institutions for incorporation into their education and training curricula.

Citizenship: United States, U.S. permanent resident status

Level: Undergraduate, graduate, faculty

Field(s) supported: Science and engineering

Number of awards: Undergraduate-approximately 670; Graduate-approximately 350; Faculty-approximately 250.

Duration of awards: 10 weeks to 1 year

Application deadline: December-January

Stipend for 1993-94: Varies with level of appointment.

Allowances and amounts: Varies with level of appointment.

Address for application information on the following DOE-sponsored programs:

Science/Engineering Education Division
Oak Ridge Institute for Science and Education
120 Badger Avenue
P. O. Box 117

Oak Ridge, Tennessee 37831-0117

3. Applied Health Physics Fellowship Program

Citizenship: United States or permanent resident alien

Level: Graduate

Other eligibility: Applicants must not have completed more than one academic term (semester or quarter) of full-time graduate education at the time of application; program not intended to support studies in medical physics; fellows must participate in a practicum for at least three months at a DOE facility to gain hands-on experience; fellows are encouraged to consider employment with DOE or one of its contractors on completion of their academic program should a reasonable offer be extended.

Number of awards: 20 annually

Duration of awards: 24 months

Application deadline: January

Stipend for 1993-94: \$14,000

Allowances and amounts: Tuition and fees, \$1,000 academic allowance paid to the university, \$300 supplementary practicum allowance

4. Graduate Fellowships for Global Change

Purpose of program: To support graduate study and research in the seven interdisciplinary science

elements of global change identified by the Committee on Earth and Environmental Sciences.

Citizenship: United States

Level: Graduate

Fields supported: Climate and hydrologic systems, biogeochemical dynamics, ecological systems and dynamics, earth systems history, human interactions, solid earth processes, and solar influences

Other eligibility: Fellows required to enroll full-time at designated participating universities and do research assignments at designated participating research centers, usually during the summer following their first academic year; fellows are encouraged to consider career employment with agencies participating in the U.S. Global Change Research Program if a reasonable offer is extended.

Duration of awards: Up to 24 months for master's degree; up to 48 months for doctoral degree

Application deadline: January

Stipend for 1993-94: \$14,400

Allowances and amounts: Tuition and fees; \$2,000 per year academic allowance; \$300 for required collaborative research experience allowance; travel reimbursement

5. Environmental Restoration and Waste Management Fellowship

Citizenship: United States citizen or permanent resident

Level: Graduate

Fields supported: Regulatory process, chemical wastes, mixed wastes, low/high-level radioactive wastes, environmental systems (groundwater modeling, airborne emissions and deposition, terrestrial and aquatic transport), risk assessment (breach of storage containment, accidents, etc.), communications of technical issues, robotics, analog studies

Other eligibility: Fellows must be enrolled full-time in work toward a master's or doctoral degree at participating universities; fellows must do a practicum at a DOE-designated participating center; fellows are encouraged to consider employment with either DOE or one of its contractors on completion of their academic program, should a reasonable offer be extended.

Number of awards: Variable

Duration of awards: 1 year; may be renewed annually

Application deadline: January

Stipend for 1993: \$14,400

Allowances and amounts: Tuition and fees; \$1,000 academic allowance; 300 supplementary practicum allowance; travel allowance varies

6. Industrial Hygiene Fellowship Program

Citizenship: United States

Level: Graduate

Fields supported: Industrial hygiene encompasses recognition, evaluation, and control of chemical, physical, and microbiological hazards arising from work activities

Other eligibility: Applicant must (a) have received a bachelor's degree from an accredited institution in the disciplines of physical sciences, life or health sciences, environmental sciences, or engineering (b) be prepared to matriculate full-time in an industrial hygiene academic master's program; (c) not have completed more than one academic term of graduate education; fellows are encouraged to accept employment with either DOE or DOE contractors on completion of their academic program, should a suitable offer be extended.

Duration of awards: 24 months

Application deadline: January

Stipend for 1993: \$15,600

Allowances and amounts: Tuition and fees; \$1,500 academic allowance; \$400 supplementary practicum allowance; travel allowance varies

7. Magnetic Fusion Energy Technology Fellowship Program

Citizenship: United States citizen or permanent resident

Level: Graduate

Other eligibility: Must have completed an undergraduate degree in engineering, physical sciences, mathematics or a related discipline; must be planning full-time, uninterrupted study toward a Ph.D.; no other graduate degrees in physical sciences, engineering, or mathematics may have been completed; fellows are required to participate in a practicum for at least three months at a Department of Energy facility to gain hands-on experience; a fellow agrees to entertain employment with DOE or one of its contractors at the end of a fellow's academic program should a reasonable offer be extended.

Duration of awards: maximum of 48 months

Application deadline: Last Monday in January for complete application

Stipend for 1993: \$15,600 per year

Allowances and amounts: Tuition and fees; \$200 practicum allowance; travel allowance as appropriate

8. Magnetic Fusion Science Fellowship Program

Citizenship: United States citizen or permanent resident

Level: Graduate

Other eligibility: Must have completed an undergraduate degree in engineering, the physical sciences, mathematics, or a related discipline; graduate students may not have completed more than one semester/quarter at the time of application and no more than one year of full-time study before beginning a fellowship appointment; students must

plan to pursue full-time uninterrupted study toward a Ph.D.; no other graduate degrees in the physical sciences, engineering, or mathematics may have been completed before application to this program; fellows required to participate in a practicum for at least three months at a DOE facility to gain hands-on experience; fellows also agree to entertain employment with the DOE or one of its contractors at the end of a fellow's academic program should a reasonable offer be extended.

Duration of awards: 36 months

Application deadline: last Monday in January

Stipend for 1993: \$15,600 per year

Allowances and amounts: Tuition and fees, \$200 practicum allowance

9. Nuclear Engineering & Health Physics Fellowships

Citizenship: United States citizen or permanent resident aliens

Level: Graduate

Other eligibility: Applicants cannot be enrolled or have been previously enrolled in a full-time graduate program at the time of application; fellows must participate in a practicum for at least three months at a DOE facility to gain hands-on experience; fellows are encouraged to consider employment with DOE or one of its contractors on completion of their academic program should a reasonable offer be extended.

Number of awards: Varies

Duration of awards: 24 months for a master's degree; 48 months for a doctoral degree

Application deadline: Fourth Monday in January

Stipend for 1993: \$14,400

Allowances and amounts: Tuition and fees; \$300 supplementary practicum allowance; travel allowance as appropriate

Address for application information on the following DOE-sponsored programs:

Oak Ridge Associated Universities

P. O. Box 117

Oak Ridge, Tennessee 37831-0117

10. Alexander Hollaender Distinguished Postdoctoral Fellowship Program

Purpose of program: To provide research opportunities in energy-related life, biomedical, and environmental sciences. Fellowships are tenable at U. S. Department of Energy (DOE) laboratories and universities having research programs supportive of the mission of DOE's Office of Health and Environmental Research

Citizenship: United States, U.S. permanent resident status

Level: Postdoctoral

Field(s) supported: Disciplines in the life, biomedical, and environmental sciences and other supporting scientific disciplines

Other requirements: Applicants must have received a doctoral degree in an appropriate discipline (or completed all internship or residency requirements) within 2 years of desired starting date or expect to complete all such requirements prior to desired starting date.

Number of awards: Up to 15 each year

Duration of awards: Up to 2 years

Application deadline: January 15

Stipend for 1993: \$37,500 for first year and \$40,500 for second year

Allowances and amounts: Inbound travel and moving expenses (limit \$2,000) reimbursed according to established policies

11. Education for Global Change Distinguished Postdoctoral Fellowships

Purpose of program: To conduct research in technical areas related to the interdisciplinary science elements of global change: climate and hydrologic systems, biogeochemical dynamics, ecological systems and dynamics, Earth system history, human interactions, solid Earth processes, solar influences, and data management

Citizenship: United States citizen or permanent resident alien

Level: Postdoctoral

Field(s) supported: chemistry, physics, biology and biotechnology, mathematics and statistics, environmental sciences or engineering, atmospheric sciences and meteorology, ecology, agricultural sciences, geology, geochemistry and geophysics, hydrology, instrumentation, oceanography and ocean sciences, computer sciences, economics, and related scientific and engineering fields

Other requirements: Applicants must have received a doctoral degree in an appropriate discipline within three years of the desired starting date, or expect to complete all such requirements prior to the desired starting date; starting date must be between June 1 and December 31; participants must show proof of health and medical insurance; appointments involve a full-time commitment to the research program at the host laboratory; fellowships tenable at participating Department of Energy laboratories; also tenable at other approved federal and university laboratories with research programs supported by DOE or other Committee on Earth and Environmental Sciences members.

Number of awards: 24 (12 new per year)

Duration of awards: One year; renewable for a second year upon recommendation of the host laboratory, and are subject to the availability of funds.

Application deadlines: February 15

Stipend: for 1993: \$35,000 the first year and \$37,000 the second

Allowances and other amounts: Inbound travel or moving expenses reimbursed according to the

ORISE Travel and Moving Reimbursement Policies 12. Fusion Energy Postdoctoral Research Program

Purpose of program: To offer to recent PhD recipients the opportunity to conduct collaborative research in U.S. Department of Energy (DOE) magnetic fusion energy research and development programs; appointments are made to designated DOE laboratories and contractor fusion energy centers, including universities and industrial contractors.

Citizenship: United States, U.S. permanent resident status

Level: Postdoctoral

Field(s) supported: Fusion energy-related research with degree in an appropriate science or engineering discipline such as physics or nuclear engineering

Other requirements: Applicant should have received a doctoral degree within 3 years of desired starting date, or expect to complete all requirements for such a degree prior to desired starting date.

Number of awards: Up to 6 each year

Duration of awards: Up to 2 years

Application deadline: February 1

Stipend for 1992-93: \$37,000

Allowances and amounts: Inbound travel and moving expenses, and travel expenses to one scientific meeting are reimbursed according to standard Oak Ridge Associated Universities policies.

13. Postgraduate Research Programs

Purpose of program: To offer opportunity to conduct collaborative research in a wide range of science and engineering disciplines at federal laboratories and other research centers. Such programs appeal to a diversity of research interests; others are more specialized in such areas as toxicology, fossil energy, fusion energy, artificial intelligence, or hazardous waste management.

Citizenship: United States, U.S. permanent resident status

Level: Post-masters or postdoctoral

Field(s) supported: All areas of biological, physical, environmental, health, computer, and mathematical sciences; engineering; psychology; economics; energy policy

Other requirements: For most programs, applicants must have received a graduate degree within three years of desired starting date or expect to complete all requirements for such a degree prior to the desired starting date. For some programs, other applicants are considered on a case-by-case basis.

Number of awards: Over 200 in 1992

Duration of awards: Up to 2 years

Application deadline: Continuing in some programs; others have deadlines in January

Stipend for 1992-93: Post-masters-\$22,200 to \$35,200; postdoctoral-\$28,860 to \$48,000 (varies depending on degree, research area, experience)

Allowances and amounts: Reimbursement for inbound travel and moving expenses

14. Oak Ridge Institute for Science and Education (ORISE) Faculty Research Program at the National Center for Toxicology Research and ORISE Postgraduate Research Program at the National Center for Toxicological Research

Purpose of programs: To support recent postgraduates and college and university faculty to initiate and conduct collaborative research that complements U. S. Food and Drug Administration projects at the National Center for Toxicological Research (NCTR). Research efforts at NCTR focus on testing the assumptions used in assessing risks posed by toxic chemicals. The overall effort can be subdivided into biomarkers, modulators of toxicity, and extrapolation/risk assessment.

Citizenship: United States, U.S. permanent resident status

Level: Faculty, post-masters or postdoctoral

Field(s) supported: All areas of biological, medical, physical, and mathematical sciences and other supporting scientific areas. Some specific disciplines include toxicology, biochemistry, pharmacology, molecular biology, biostatistics, chemistry, and computer science.

Other requirements: a) Applicants in Faculty Research Program must be full-time faculty members at accredited U.S. colleges or universities; b) Applicants in Postgraduate Research Program should have received a graduate degree in an appropriate discipline within 3 years of the desired starting date or expect to complete all requirements for such a degree prior to desired starting date. Other applicants will be considered on a case-by-case basis.

Number of awards: Faculty-Varies; Postgraduate-up to 15 appointments supported each year

Duration of awards: a) Faculty Research Program-Summer appointments normally 10 to 12 weeks, sabbatical appointments can be up to 1 year in length; b) Postgraduate Research Program-Up to 3 years

Application deadline: Continuing

Allowances and amounts: Faculty Research Program participants receive a monthly allowance based on their college or university salary; participants living more than 50 miles from NCTR are eligible for monthly living allowance. Travel expenses for one round trip between home or academic institution and NCTR are reimbursed according to standard ORISE policies. Postgraduate Research Program appointments begin at \$20,900 for post-master's appointments, and at \$34,200 for postdoctoral appointments; stipend depends on

degree, research area, and experience. Inbound travel and moving expenses are reimbursed according to standard policies.

U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

Address for application information:

Division of Health Services Scholarships
Room 7-16, Parklawn Building
5600 Fishers Lane
Rockville, Maryland 20857

Title of program: National Health Services Corps (NHSC) Scholarship Program

Purpose of Program: To supply the NHSC with appropriate health professionals by encouraging students to participate in the Scholarship Program who seriously want to practice primary medicine at sites in the most needy health manpower shortage areas in the U.S. as identified by the NHSC.

Citizenship: United States

Level: Medical, dental, osteopathic school students; also students training for physician assistant, nurse practitioner and nurse midwifery careers.

Other Requirements: Full-time enrollment in eligible schools, enrollment requirements and definition of school year; employment eligibility; no conflicting service obligations; submitting required application materials.

Number of awards: 450 multiyear awards; varies from year to year.

Duration of awards: 1 or more years

Application deadline: March

Stipend for 1993-94: \$796.00

Allowances and amounts: Tuition and required fees.

U.S. DEPARTMENT OF JUSTICE, NATIONAL INSTITUTE OF JUSTICE

Address for application information:

Graduate Research Fellowship Program
National Institute of Justice
633 Indiana Avenue, N.W.
Washington, D.C. 20531

Title of program: Graduate Research Fellowship Program

Purpose of program: To support dissertations in criminal justice.

Citizenship: Unrestricted

Level: Dissertation

Field(s) supported: Criminal justice

Other requirements: All requirements for doctoral level except dissertation must have been met. Some master's degree students may also be eligible.

Number of awards: Approximately 10

Duration of awards: 1 year

Application deadline: September, December, March and June

Stipend for 1993-94: Up to \$20,000

Allowances and amounts: \$10,000--personal; \$5,000--internship in D.C.; and \$5,000--research costs.

U.S. FISH AND WILDLIFE SERVICE U.S. DEPARTMENT OF THE INTERIOR

Address for application information:

U.S. Fish and Wildlife Service
Cooperative Research Units Center
1849 C Street, N.W., MS-725 ARLSQ
Washington, D.C. 20240

Title of program: Cooperative Research Units Center

Purpose of program: To provide graduate education opportunities in fish and wildlife resources management at various universities across the country. The Cooperative Fish and Wildlife Research Unit program has three objectives: 1) Research--finding answers to a broad spectrum of fish and wildlife management questions, from habitat requirements of individual species to the effects of development projects on populations of fish and wildlife; 2) Graduate Education--producing professional resource managers at the M.S. and PhD levels and providing in-service training and continuing education to employees of conservation agencies; and 3) Technical Assistance and Information Transfer--making technical fish and wildlife resource information available to natural resource managers and to the public.

Citizenship: United States

Level: Graduate

Field(s) supported: Fish management; wildlife management; conservation biology.

Other requirements: Students must maintain a 3.0 GPA for graduate programs.

Number of awards: Approximately 50 per year

Duration of awards: Graduate--36 months

Application deadline: Varies by unit

Stipend for 1993-94: Varies by unit

Allowances and amounts: Varies by unit

U.S. INFORMATION AGENCY (U.S.I.A.)

1. Fulbright Teacher Exchange Program

Address for application information:

Fulbright Teacher Exchange Branch (E/ASX)
United States Information Agency
301 Fourth Street, S.W.
Washington, D.C. 20547

Purpose of program: To provide opportunities for elementary and secondary school teachers and administrators, and college faculty to attend seminars or teach in schools abroad under the mutual

Educational and Cultural Exchange (Fulbright) Act of 1961. Exchanges in this program operate between the U.S. and Argentina, Belgium/Luxembourg, Canada, Colombia, Denmark, France, Germany, The Netherlands, Norway, South Africa, Switzerland, and The United Kingdom.

Citizenship: United States; citizens of above participating countries

Level: Professional exchange

Field(s) supported: Variable

Other requirements: 1) Bachelor's degree; 2) three years of full-time teaching experience for teaching positions, two years of full-time teaching experience for seminar positions; 3) current full-time employment in appropriate subject area and at appropriate teaching level for which application is made; and 4) fluency in foreign languages for teaching positions in most non-English speaking countries.

Number of awards: Variable

Duration of awards: 1 academic year

Application deadline: October 15

Stipend for 1993-94: Variable

2. Fulbright Awards for University Teaching and Advanced Research -U.S. and Foreign Scholars (Administered on behalf of U.S.I.A. by the Council for International Exchange of Scholars - see page 17)

3. Fulbright Grants for Graduate Study and Research (Administered on behalf of U.S.I.A. by the Institute of International Education - see page 29.)

4. Hubert H. Humphrey Fellowship Program (Administered on behalf of U.S.I.A. by the Institute of International Education - see page 30.)

UNITED STATES INSTITUTE OF PEACE

Address for application information:

Jennings Randolph Program for International Peace
United States Institute of Peace
1550 M Street, N.W., Suite 700
Washington, D.C. 20005

Title of Program: Jennings Randolph Program for International Peace

Purpose of Program: To support research and education projects that will increase knowledge and spread awareness among the public and policymakers on a broad range of topics that concern the sources and nature of violent international conflict and the full range of ways to end or prevent conflict and to sustain peace.

Citizenship: Unrestricted

Field(s) Supported: Broad spectrum of disciplines including humanities, natural and social sciences, law, conflict resolution, and peace studies.

Duration of awards: Typically one year.

1. Distinguished Fellow and Peace Fellow Awards

Level: Distinguished Fellows are eminent statesmen, scholars, or other professionals who have achieved national or international stature by virtue of extraordinary accomplishments in international peace and conflict management or other relevant endeavors. Peace Fellows are professionals or scholars who have demonstrated substantial accomplishment or promise of exceptional leadership in their careers. A small number of Peace Fellow awards may be made to outstanding candidates who are in the early stages of their professional or scholarly careers. Visiting Fellows are either Distinguished Fellows or Peace Fellows but have shorter tenures, generally two to six months.

Other requirements: Distinguished Fellow Awards and Peace Fellow Awards are tenable in residence at the United States Institute of Peace in Washington, D.C. At the doctoral level, an applicant must be enrolled in an American university or one of its branches abroad, and have completed all course work and examinations.

Number of awards: Typically 2 or 3 Distinguished Fellows Awards; 10 Peace Fellow Awards; and 1-2 Visiting Fellow or Visiting Distinguished Fellow Awards.

Application deadline: October 15

Stipend for 1992-93: Stipends are keyed to the recipient's earned income in the year preceding the fellowship but will not exceed \$83,502 for Distinguished Fellows or \$59,216 for Peace Fellows. Stipends for foreign fellows are comparable to U.S. Fellows of same experience and position.

2. Peace Scholars

Level: Peace Scholars are outstanding students in recognized American university doctoral programs who have completed all required work toward their doctoral degrees except their dissertations.

Number of awards: 10

Application deadline: November 15

Stipend for 1991-92: \$13,000

U. S. NAVY, OFFICE OF NAVAL RESEARCH

Address for application information:

American Society for Engineering Education
11 Dupont Circle, Suite 200
Washington, D.C. 20036-1207

Title of program: Office of Naval Research Graduate Fellowships

Purpose of program: To increase supply of U.S. citizens trained in disciplines of science, engineering and math critical to the U.S. Navy by awarding fellowships to support study and research leading to doctoral degrees in specified disciplines.

Citizenship: United States

Level: Graduate

Field(s) supported: Electrical engineering, mathematics, physics, chemistry, computer science, materials science, aerospace/ mechanical engineering, biological/biomedical sciences, cognitive and neural sciences, naval architecture and ocean engineering, and oceanography.

Other requirements: Applicants must: 1) intend to earn doctorate; 2) be willing to attend school full-time; 3) not have attended graduate school in science or engineering.

Number of awards: 50

Duration of awards: 36 months over 5 consecutive calendar years.

Application deadline: mid January

Stipend: \$15,000 for first year, \$16,000 for second year, \$17,000 for third year

Allowances and amounts: Tuition and required fees and \$2,000 per year to the Fellow's department.

U.S. NAVY, OFFICE OF NAVAL TECHNOLOGY

Address for application information:

ONT Postdoctoral Program
Contracts/Grants Office
American Society for Engineering Education
11 Dupont Circle, Suite 200
Washington, D.C. 20036

Title of program: Postdoctoral Fellowships

Purpose of program: To increase the involvement of creative and highly trained scientists and engineers in disciplines from academia and industry in scientific and technical areas of interest and relevance to the Navy

Citizenship: United States

Level: Postdoctoral

Field(s) supported: Acoustics; hydrodynamics; aerodynamics; astrophysics; electronic devices; biotechnology; oceanography; communications; command control and intelligence; computer hardware and software; materials; target detection; weaponry; signal processing; simulation; biomedicine; training; manufacturing; construction; and logistics

Other requirements: Applicants must: 1) be eligible for Department of Defense security clearance; 2) have received PhD, ScD or other earned research doctoral degree (recognized in U.S. academic circles as equivalent to the PhD) within 7 years of date of application. Fellowships are tenable only at participating Navy laboratories.

Number of awards: 40 new awards per year

Duration of awards: 1 year, renewable for 2 years; third year appointments may be arranged if warranted.

Application deadline: January 1, April 1, July 1, October 1

Stipend for 1993-94: May increase base to \$37,000 to \$39,000

Allowances and amounts: Relocation allowance and travel allowance while on tenure; comprehensive insurance plan (health, disability and life).

U.S. NUCLEAR REGULATORY COMMISSION

Address for application information:

U.S. Nuclear Regulatory Commission
Office of Personnel
W-468 (GF)

Washington, D.C. 20555

Title of Program: Graduate Fellowship Program

Citizenship: United States

Level: Graduate

Fields supported: Health physics, nuclear engineering, and specialty engineering disciplines

Other requirements: Participants must work at the Nuclear Regulatory Commission (NRC); they must also agree to work for the NRC for four years following satisfactory completion of a two-year master's program; each awardee must (1) hold a bachelor's degree in the physical sciences, life sciences, mathematics, or engineering, from an accredited institution; (2) be accepted into an appropriate graduate program as a full-time, regular graduate student; (3) be a U.S. citizen; and (4) be eligible for NRC employment, access authorization and/or employment clearance; at time of application, applicants may not have completed more than one year of graduate education in a discipline that the NRC Fellowship Program supports.

Number of awards: Changes each year

Duration of awards: 2 years

Application deadline: Fourth Monday in January

Stipend for 1993: \$1,700 per month (9-10 months)

Allowances and amounts: Tuition and fees; \$5,000 cost-of-education allowance per year paid to the institution; initial work and training paid at GG-7 level (\$32,000-\$35,000); employment at GG-9 (\$37,000-\$40,000) upon completion of degree.

ALEXANDER VON HUMBOLDT FOUNDATION

Address for application information:

Alexander von Humboldt Foundation
Jean-Paul-Strasse 12
D-5300 Bonn 2
Germany

Title of program: Humboldt Research Fellowships for Foreign Scholars

Purpose of program: To offer opportunity to pursue research at universities or research institutes in Germany.

Citizenship: Unrestricted

Level: Academic degree comparable to a doctorate (PhD or equivalent)

Field(s) supported: All fields of research with the exception of the Fine Arts.

Other requirements: Candidate must: 1) have good command of German language (humanities and social sciences scholars) or at least a good command of English (natural scientists); 2) have not yet reached the age of 40; 3) present evidence of employment in independent research work at the university level; 4) have academic publications to his/her credit.

Number of awards: 600

Duration of awards: 6 to 12 months, with extension to 24 months possible.

Deadline: Applications may be submitted at any time; selection meetings are held 3 times a year.

Stipend for 1993-94: 3.000 to 3.800 M monthly

Allowances and amounts: Travel expenses, grants for married accompanying partners and children, grants for language courses.

Special Program: Senior U.S. Scientist Awards are granted to outstanding U.S. scientists in recognition of past accomplishments in research, thereby promoting scientific cooperation between institutions in Germany and in the United States. The Award consists of a cash amount ranging from 20.000 to 120.000 M and the right to stay for an extended period at research institutes in Germany. Nominations only by German scientists.

Awards are also made to outstanding scholars in the humanities and social sciences under the same conditions as mentioned above.

WESTINGHOUSE SCIENCE TALENT SEARCH

Address for application information:

Westinghouse Science Talent Search
Science Service
1719 N Street, N.W.
Washington, D.C. 20036

Title of program: Westinghouse Science Talent Search

Purpose of program: To discover youth whose scientific and engineering skill, talent, and ability indicate potential creative originality.

Citizenship: The STS is open only to secondary school seniors in the United States and its possessions, and American students attending a foreign school as an exchange student, or because their parents work and live abroad.

Level: High school seniors

Field(s) supported: Science, mathematics, and engineering

Other requirements: Awards based on students' submission of a report on an independent research project in science, mathematics, or engineering;

application; transcript; teacher recommendations; and standardized test scores. Students entering the competition must be expected by the certifying school official to complete college entrance qualifications before October 1, and must not have competed in any previous Science Talent Search. There are no age limits. Open only to students in their last year of secondary school.

Number of awards: 40

Duration of awards: For the top 10 scholarships: 4 years; for the remaining 30: \$1,000 scholarships (onetime payment)

Application deadline: Early December

Allowances and amounts: One \$40,000 scholarship (\$10,000 per year for 4 years); one \$30,000 scholarship (\$7,500 per year for 4 years); one \$20,000 scholarship (\$5,000 per year for 4 years); three \$15,000 scholarships (\$3,750 per year for 4 years); four \$10,000 scholarships (\$2,500 per year for 4 years); and 30 \$1,000 scholarships (payable upon matriculation).

THE WHITAKER FOUNDATION

Address for application information:

The Whitaker Foundation
Suite 1010
1133 Connecticut Avenue, NW
Washington, DC 20036

Title of program: Graduate Fellowships in Biomedical Engineering

Purpose of program: To award fellowships to those individuals who have demonstrated outstanding scholarship and the ability and aptitude for future achievements in biomedical engineering research.

Citizenship: United States citizens or permanent residents

Level: Graduate

Field(s) supported: Biomedical Engineering

Other requirements: Seniors or first-year graduate students may apply. Students must plan to study for a doctoral degree in engineering with research concentrated in biomedical engineering.

Number of awards: Up to 30

Duration of awards: 3 years, renewable for an additional 2 years.

Application Deadline: December

Stipend for 1992-93: \$14,500 for 12 month period

Allowances and amounts: Up to \$11,000 for tuition and fees; \$1,500 for professional development of the fellow (travel, books, etc.).

WHITE HOUSE FELLOWSHIPS

Address for application information:

President's Commission on White House Fellowships

712 Jackson Place, N.W.
Washington, D.C. 20503

Title of program: White House Fellowships

Purpose of program: To give outstanding young Americans the opportunity to work at the highest levels of government and to participate in an educational program that will train them to be the "leaders of tomorrow".

Citizenship: United States

Level: The program is targeted to individuals who are early in their careers, in any occupation, and who show promise of future leadership ability, demonstrated through professional and academic accomplishment and service to others.

Field(s) supported: Unrestricted

Other requirements: Civilian employees of the Federal government are not eligible.

Number of awards: 11 to 19

Duration of awards: 1 year (September-August).

Application deadline: December 15

Stipend for 1993-94: Approximately \$65,000 (Fellows are paid as full-time Federal employees at the agencies to which they are assigned.)

WOODROW WILSON INTERNATIONAL CENTER FOR SCHOLARS

Address for application information:

Fellowships Office
The Wilson Center
Washington, D.C. 20560

Title of program: Fellowships in the Humanities and Social Sciences

Purpose of program: To commemorate through the Center's residential fellowship program of advanced research both the scholarly depth and the public concerns of Woodrow Wilson.

Citizenship: Unrestricted

Level: Postdoctoral, or equivalent degree of professional achievement is expected.

Field(s) supported: Humanities and social sciences

Other requirements: Must be able to spend fellowship period in residence at Wilson Center in Washington, D.C. For academics, publication of some major work beyond PhD dissertation is expected.

Number of awards: Approximately 35

Duration of awards: Academic year

Application deadline: October 1

Stipend for 1993-94: Ceiling of \$52,000; average of \$38,000.

Allowances and amounts: Travel expenses for Fellows, their spouses, and dependent children.

WOODROW WILSON NATIONAL FELLOWSHIP FOUNDATION

1. Andrew W. Mellon Fellowships in Humanistic Studies

Address for application information:

Mellon Fellowships in Humanistic Studies
Woodrow Wilson National Fellowship Foundation
Box 288

Princeton, New Jersey 08542

Purpose of program: To attract exceptionally promising students to prepare for careers of teaching and scholarship in humanistic studies by providing top-level, competitive, portable awards.

Citizenship: United States or permanent residents of the U.S.

Level: Students beginning graduate study.

Field(s) supported: Traditional humanistic disciplines, including history, but not the creative and performing arts. American studies, other area studies, and certain social sciences programs are also eligible if the emphasis in subject and method is substantially humanistic.

Other requirements: Candidates must be nominated; any member of the academic profession may nominate no more than two candidates. Persons who are, or have been, engaged in graduate study following the BA or who hold the MA degree are normally not eligible. Previously unsuccessful candidates will not be considered a second time.

Number of awards: 80

Duration of awards: One year

Nomination deadline: Must reach Regional Chairman by November 1

Application deadline: Must reach Regional Chairman by November 30

Stipend for 1993: \$12,500

Allowances and amounts: Tuition and standard fees

2. Charlotte W. Newcombe Doctoral Dissertation Fellowships

Address for application information:

Newcombe Fellowships
Woodrow Wilson National Fellowship Foundation
Box 642

Princeton, New Jersey 08542

Purpose of program: To encourage original and significant study of ethical or religious values in all fields

Citizenship: Unrestricted

Level: Graduate-dissertation year only

Field(s) supported: Humanities and social sciences; topics must concern ethical or religious values.

Other requirements: Applicants must be enrolled in graduate schools in the United States, and have completed all requirements except the dissertation for PhD, EdD, or ThD.

Number of awards: 38

Duration of awards: 12 months

Application deadline: Applications must be requested by November 20, and postmarked by December 11 (for 1993 fellowship year).

Stipend for 1993-94: \$11,500

3. Doctoral Dissertation Research Grants in Women's Studies

Address for application information:

Dissertation Grants in Women's Studies
Woodrow Wilson National Fellowship Foundation
P.O. Box 642

Princeton, New Jersey 08542

Purpose of program: To encourage original and significant research about women on such topics as the evolution of women's role in society; women in history; the psychology of women; women in law; and women in literature; also, women's mental health.

Citizenship: Unrestricted

Level: Graduate-dissertation year only

Field(s) supported: Unrestricted

Other requirements: Applicants must: 1) Have fulfilled all pre-dissertation requirements; 2) be enrolled in doctoral programs in the United States.

Number of awards: 10-12

Duration of awards: 1 year

Application deadline: November

Allowances and amounts: \$1,000

WOODS HOLE OCEANOGRAPHIC INSTITUTION

Address for application information:

The Fellowship Committee
Education Office, Clark Laboratory
Woods Hole Oceanographic Institution
Woods Hole, Massachusetts 02543

1. Summer Student Fellowship

Purpose of program: To give a promising group of science and engineering students experience which will assist them in determining whether they wish to devote lifetime careers to the study of the oceans.

Citizenship: Unrestricted

Level: Undergraduate, beginning graduate students

Field(s) supported: Biology, chemistry, engineering, geology, geophysics, mathematics, physics, oceanography, meteorology, and marine policy

Other requirements: applicants must be pursuing majors in science or engineering fields

Number of awards: approximately 30

Duration of awards: 12 weeks

Application deadline: March 1

Stipend for 1993: \$3,660 for the 12 week program

Allowances and amounts: Travel allowance may be provided

2. Postdoctoral Awards in Ocean Science and Engineering

Purpose of program: To further the education and training of the applicant with primary emphasis placed on the individual's research promise.

Citizenship: unrestricted

Level: Postdoctoral

Field(s) supported: Biology, chemistry engineering, geology, geophysics, mathematics, meteorology, physics, and oceanography

Other requirements: New or recent recipients of the doctoral degree with interests in the oceanographic sciences or engineering. Scientists with more than 3 or 4 years of postdoctoral experience are not considered eligible.

Number of awards: approximately 10

Duration of awards: 1 year

Application deadline: January 15

Stipend for 1993-94: \$34,500 per year

Allowances and amounts: relocation allowance; group health insurance; limited support available for such items as travel, equipment, supplies, and special services

3. Research Fellows in Marine Policy and Ocean Management

Address for application information:

Dean of Graduate Studies

Education Office, Clark Laboratory

Woods Hole Oceanographic Institution

Woods Hole, Massachusetts 02543

Purpose of program: 1) to provide support and experience to Research Fellows interested in Marine Policy issues; 2) to provide opportunities for interdisciplinary application of social sciences and natural sciences to marine policy problems; 3) to conduct research and convey information necessary for the development of effective local, national, and international ocean policy

Citizenship: unrestricted

Level: Postdoctoral or equivalent professional qualifications through career experience

Field(s) supported: Marine and Public Policy; Ocean Jurisdictions, Law of the Sea and International Relations; Development and Management of Ocean Resources; Areawide Planning and Management. Previous Fellows have been trained in fields such as economics, law, political science, international relations, statistics, anthropology, sociology, engineering, marine science, and geography

Number of awards: 2

Duration of awards: 1 year

Application deadline: January 15

Stipend for 1993-94: \$34,500

Allowances and amounts: eligible for group health insurance; modest research and travel funds

4. Traineeships in Oceanography for Minority Undergraduates

Address for application information: send to the above address to attn: Traineeship Program

Purpose of program: Special opportunities in

oceanography for minority undergraduates

Citizenship: Unrestricted

Eligible ethnic minority groups:

Level: Undergraduate

Field(s) supported: Physical or natural science, mathematics, and engineering

Other requirements: open to minority undergraduates who are enrolled in U.S. colleges or universities

Number of awards: 2

Duration of awards: 10-12 weeks in the summer or for a semester (may be renewed the following year)

Stipend for 1993-94: Paid same salary as other employees with similar experience

Allowances and amounts: Round-trip travel to Woods Hole

WORLD HEALTH ORGANIZATION (WHO)

Address for application information:

Health Department of candidate's own country

Title of program: WHO Fellowships

Purpose of program: To provide training or study not available in candidate's own country.

Citizenship: Citizens of member countries of the World Health Organization.

Level: Graduate, postdoctoral, non-academic

Field(s) supported: Public health; public health administration and planning, environmental health, nursing, maternal and child health, epidemiology and disease control, laboratory services, medicine and health sciences, educational technology and administration of all health related fields, and supporting managerial and technical skills.

Other requirements: Candidate must agree in writing to return to home country for at least three years of service with national health administration or institution designated by it.

Number of awards: Variable

Duration of awards: As required

Application deadline: Variable

Stipend for 1993-94: Variable

Allowances and amounts: Are determined by United Nations; variable; dependent upon country of study.

ZONTA INTERNATIONAL

Address for application information:

Zonta International Foundation

557 West Randolph Street

Chicago, Illinois 60661-2206

Title of program: Amelia Earhart Fellowship Awards

Purpose of program: To recognize excellence, to encourage and support women in science and engineering, and to improve the status of women.

Citizenship: Unrestricted

Level: Graduate

Field(s) supported: Aerospace-related sciences or aerospace-related engineering.

Other requirements: Open only to women

Number of awards: 35 to 40

Duration of awards: 1 year

Application deadline: Postmarked by December 1 and received by December 7.

Stipend for 1993-94: \$6,000

SOME PUBLICATIONS LISTING FELLOWSHIPS SCHOLARSHIPS, AND STUDENT LOANS

Following is a partial list of publications containing information on student financial aid opportunities. Many of these publications are large-volume source books, and should be available at public libraries and college and university libraries. Prices of publications are not listed because they are subject to change without notice. Additional information about student financial aid opportunities is available in college catalogues.

1. *Annual Register of Grant Support: A Directory of Funding Sources*, 26th edition, R. R. Bowker, 121 Chanton Road, New Providence, New Jersey 07974.
2. *Barron's Educational Series*, P. O. Box 8040, 250 Wireless Boulevard, Hauppauge, New York 11788.
3. *Catalogue of Federal Domestic Assistance*, compiled by the U.S. Office of Management and Budget. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.
4. *College Financial Aid Annual*, College Research Group, Simon and Schuster, 200 Old Tappan Road, Old Tappan, New Jersey 07675.
5. *College Handbook Foreign Students Supplement*, College Board Publications, Dept. S81, Box 886, New York, New York 10101-0886.
6. *The Complete Grants Sourcebook for Higher Education*, American Council on Education, One Dupont Circle, Washington, D.C. 20036.
7. *Conservation Directory*, National Wildlife Federation, 1400 16th St. N.W., Washington D.C. 20036-2266.
8. *Directory of Financial Aids for Minorities and Directory of Financial Aids for Women*, by Gail Ann Schlachter, 1993-95 edition, Reference Service Press, 1100 Industrial Road, San Carlos, California 94070.
9. *Directory of Grant Support and Technical Assistance for Native Americans*, Center for Economic Development Research & Assistance, New Mexico State University, Las Cruces, New Mexico 88003-0001.
10. *Directory of International Grants and Fellowships in the Health Sciences*, John E. Fogarty International Center, National Institutes of Health, Building 31, Room B2C39, 9000 Rockville Pike, Bethesda, Maryland 20892.
11. *Directory of Research Grants*, Oryx Press, 4041 North Central Avenue, Suite 700, Phoenix, Arizona 85012-3397.
12. *Entering Higher Education in the U.S.: A Guide on Admission and Financial Planning for Students from Other Countries*, College Board Publications, Box 886, New York, New York 10101.
13. *Financial Aid for Minorities: Awards Open to Students with any Major, Financial Aid for Minorities in Business and Law, Financial Aid for Minorities in Education, Financial Aid for Minorities in Engineering and Science, Financial Aid for Minorities in Health Fields, and Financial Aid for Minorities in Journalism/Mass Communications*, Garrett Park Press, P. O. Box 190F, Garrett Park, Maryland 20896.
14. *Financial Aids for Higher Education Catalogue*, by Oreon Keeslar and Judy Keesler Santamaria, 15th edition, William C. Brown Co., 2460 Kerper Boulevard, Dubuque, Iowa 52001.
15. *The Foundation Directory and Foundation Grants to Individuals*, The Foundation Center, 888 Seventh Avenue, New York, New York 10106.
16. *Graduate Guide to Grants*, Harvard University, Graduate School of Arts and Sciences, Office of Student Financial Aid, Cambridge, Massachusetts, 02138.
17. *The Graduate Scholarship Book*, by Daniel J. Cassidy, second edition, Prentice Hall, Englewood Cliffs, New Jersey 07632.
18. *Graduate Student Financial Support*, Council of Graduate Schools, One Dupont Circle, N.W., Suite 430, Washington, D.C. 20036-1173.
19. *Grants at a Glance*, published by the Association for Women in Science, 1522 K St., N.W., Suite 820, Washington, D.C. 20005.

20. *Grants and Fellowships of Interest to Historians*, American Historical Association, 400 A Street, S.E., Washington, D.C. 20003.
21. *The Grants Register*, St. Martin's Press, 175 5th Avenue, New York, New York 10010.
22. *Guide to Programs*, National Science Foundation. Available free of charge from the Publications Office, National Science Foundation, Arlington, VA 22230
23. *Higher Education Opportunities for Minorities and Women - Annotated Selections*, U.S. Department of Education. For sale by the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402.
24. Institute of International Education. The following titles are available from the Communications Division, 11E, 809 United Nations Plaza, New York, New York, 10017: *Teaching Abroad*, *Fulbright Grants for Study Abroad*, *U.S. Academic Year Abroad*, *Vacation Study Abroad*.
25. *International Visitors Guide to U.S. Higher Education*, four booklets, one of which is *Financing Higher Education for Non-Traditional Students*, Division of International Education, American Council on Education, Suite 800, One Dupont Circle, Washington, D.C. 20036.
26. *Lovejoy's Guide to Financial Aid*, Simon and Schuster, 200 Old Tappan Road, Old Tappan, New Jersey 07675.
27. *Need a Lift?*, American Legion National Emblem Sales, P. O. Box 1050, Indianapolis, Indiana 46206.
28. *Opportunities in Africa*, The African-American Institute, available through Interbook Inc., 131 Varick Street, 2nd Floor, New York, New York 10013.
29. *Scholarships, Fellowships, Grants, and Loans*, The College Blue Book, 24th edition, Macmillan Publishing Company, 866 Third Avenue, New York, New York 10022.
30. *A Selected Bibliography of Financial Aid for Health Careers*, Undergraduate Medical Education, American Medical Association, 515 North State Street, Chicago, Illinois 60610.
31. *Scholarships, Fellowships, and Loans*, 9th edition, Gale Research, 835 Penobscot Building, Detroit Michigan 48226.
32. *Sources of Financial Aid Available to American Indian Students*, Indian Resource Development, Box 30003, Dept. 3IRD, Las Cruces, New Mexico 88003-0003.
33. *Student Financial Aid - Speech Pathology and Audiology*, American Speech, Language and Hearing Association, 10801 Rockville Pike, Rockville, Maryland 20852. Free pamphlet.

NSF has TDD (Telephone Device for the Deaf) capability which enables individuals with hearing impairment to communicate with the Division of Human Resource Management for information relating to NSF Programs, employment or general information. This number is (703) 306-0090.

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Internet Gopher and WAIS. If your campus has access to these Internet information resources, you can use your local client software to search and download NSF publications. If you have the capability, it is the easiest way to access STIS.

Getting Started with Documents Via E-Mail

Send a message to stisserv@nsf.gov (Internet) or stisserv@NSF (BITNET). The text of the message should be as follows (the Subject line is ignored):

get index

You will receive a list of all the documents on STIS and instructions for retrieving them. Please note that all requests for electronic documents should be sent to [stisserv](mailto:stisserv@nsf.gov), as shown above. Requests for printed publications should be sent to pubs@nsf.gov (Internet) or pubs@NSF (BITNET).

Getting Started with Anonymous FTP

FTP to stis.nsf.gov. Enter *anonymous* for the username, and your E-mail address for the password. Retrieve the file "index". This contains a list of the files available on STIS and additional instructions.

Getting Started with The On-Line System

If you are on the Internet: `telnet stis.nsf.gov`. At the login prompt, enter *public*.

If you are dialing in with a modem: Choose 1200, 2400, or 9600 baud, 7-E-1. Dial (202) 357-0359 or (202) 357-0360.

[(703) 306-0212 or (703) 306-0213]**

When connected, press *Enter*. At the login prompt, enter *public*.

Getting Started with Direct E-Mail

Send an E-mail message to stisserv@nsf.gov (Internet) or stisserv@NSF (BITNET). Put the following in the text:

get stisdirm

You will receive instructions for this service.

Getting Started with Gopher and WAIS

The NSF Gopher server is on port 70 of stis.nsf.gov. The WAIS server is also on stis.nsf.gov. You can get the ".src" file from the "Directory of Servers" at quake.think.com. For further information on using Gopher and WAIS contact your local computer support organization.

For Additional Assistance Contact:

E-mail: stis@nsf.gov (Internet)
stis@NSF (BITNET)

Phone: 202-357-7555 (voice mail) [(703) 306-0214]**

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**These numbers become effective November 15, 1993.

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